



# Co. Profile

A2 ENGINEERING CONSULTANTS (PTY) LTD  
*Your Business Partner*  
CONSULTING, STRUCTURAL & PROJECT  
ENGINEERS



## ABOUT US

A<sup>2</sup> Engineering Consultants (Pty) Ltd is a wholly citizen owned civil and structural engineering consulting firm that was formed in 1999 by Messrs AR Abdulla, He owns 100% of the company shares. The principal remain actively involved in the day to day operations of the company as a director, and have surrounded himself with a dedicated team of citizen technical and administrative staff complement.

Since its inception A<sup>2</sup> Engineering Consultants has grown in resources and expertise and undertaken numerous projects in and around Botswana. It has developed core competencies in building project management, structural engineering and geotechnical engineering. A<sup>2</sup> Engineering Consultants also has become increasingly sought out by their client base to provide multi-disciplinary building and engineering solutions for every stage of project life cycle from feasibility studies, to design and construction and contract management with cost control.

A<sup>2</sup> Engineering Consultants experience covers a wide range of developments in industrial, commercial, residential, health, institutional and infrastructure projects. A<sup>2</sup> Engineering Consultants has been particularly successful in securing private sector projects and project management of construction projects in emerging markets.

## ISO 9001 : 2008 CERTIFICATION

In August 2010, A<sup>2</sup> Engineering Consultants were awarded the ISO 9001:2008 Certification by the Botswana Bureau of Standards. This quality certification was testimony to that the firm has put into place systems for ensuring production and delivery of quality products and services to our clients. A<sup>2</sup> Engineering Consultants is committed to ensuring these standards are achieved or exceeded on this project.

### Directors

A R Abdulla - B Eng (Hons) GDE Pr Eng

### Shareholders

A R Abdulla (Motswana) 100%

### Staffing

A<sup>2</sup> Engineering Consultants strives to maintain appropriate staffing levels, and ratios of technical and administrative staff to professional staff to adequately respond to its workload and client requirements. At the same time A<sup>2</sup> Engineering Consultants also prides itself in providing its clients with the personal and direct involvement of at least one of principals on every project throughout a project's life and so limits its size and workloads accordingly. Currently A<sup>2</sup> Engineering Consultants have a total, full time staff complements of 6, consisting of 1 qualified engineers, 3 engineering technicians and 2 administrative staff. All of A<sup>2</sup> Engineering Consultants staff are citizens.

## RESOURCES AND FACILITIES

### OFFICE IT HARDWARE

The organization is equipped with all the necessary hardware equipment, and its schedule is as follows;

• 06 CAD workstations on LAN • 4 Engineering workstations on LAN • 2 Administrative workstations on LAN • 4 x Laptop computers • Data server on LAN • Mail server on LAN • AO color plotter • AO Kip 1900 Copier • A3 color copier/scanner • A3 color printer on LAN • A4 printer on LAN • A4 fax/scanner/printer on LAN • PABX • ADSL internet connection

### OFFICE IT SOFTWARE

The organization is equipped with all the necessary software programs, and its schedule is as follows;

MS XP on all workstations • MS Office on all workstations • MS Project • AutoCAD • Oasys Structural analysis & design • Civil Designer • Adobe 7.0 • Civil 3D • Prokon • Rebar Mate • Drop Box

### MOTOR VEHICLES

The organization is equipped with the following work vehicles;

- 2 4x4 station Wagon
- 2 sedans



## OUR SERVICES

As a full-service engineering consulting firm, A<sup>2</sup> Engineering Consultants provides expertise across the following core service areas:

### Consulting Engineering

Our consulting engineering team offers strategic advisory and technical solutions to clients across a range of industries. Some of our key consulting services include:

- **Feasibility studies and concept design**
- **Site assessments and due diligence**
- **Project planning and management**
- **Process optimization and system design**
- **Risk analysis and mitigation strategies**

### Structural Engineering

Our structural engineering practice focuses on the design, analysis, and optimization of building structures, civil infrastructure, and industrial facilities. Our services in this domain include:

- **Structural analysis and finite element modeling**
- **Foundation design and soil mechanics**
- **Seismic and wind load assessments**
- **3D BIM modeling and coordination**
- **Construction supervision and quality control**

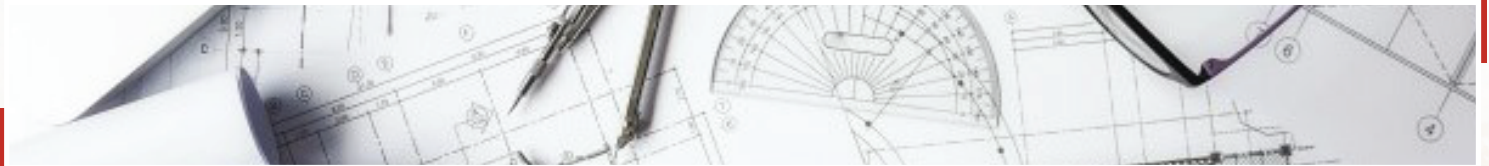
### Project Engineering

From project inception to completion, our project engineers provide comprehensive management services to ensure the successful delivery of engineering projects. Our project engineering capabilities encompass:

- **Project planning and resource allocation**
- **Cost estimation and budgeting**
- **Schedule development and progress monitoring**
- **Procurement and contract management**
- **Commissioning and handover support**

## SPECIAL CAPABILITIES

A<sup>2</sup> Engineering Consultants have established a proven track record for project management of large projects around the region.





## COMPANY PROJECTS

### 1. University of Botswana Academic Hospital

**Location:** Gaborone, Botswana **Client Contact:** Mr. Jackalas, Tel: 3552289

**Start Date:** August 2010 **Completion Date:** December 2014

**Contract Value:** P1.7 Billion

**Description:** Academic hospital comprising a 450-bed teaching hospital on a greenfield site, structured into advanced earthworks and piling contracts, followed by the main building works contract.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Engineer), Anver Baba Abdulla (Senior Civil Engineer), Michael Kibunja (Senior Civil Engineer), Thuto Mbotho (Senior Technician), Castro Makoba (Technician), Baletlanyi Sejanamane (Technician), Otthomile Thomas (Technician)

### 2. Exponential Investments Office Block

**Location:** CBD, Gaborone, Botswana **Client Contact:** Mr. G H Abdoola, Tel: 3191119 **Start Date:** September 2010 **Completion Date:** March 2012 **Contract Value:** P86 Million (Phase 1)

**Description:** High-end, modern office block (+9500m<sup>2</sup>) in Phase 1, followed by mixed-use retail, office, and parking basement development in subsequent phases.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Manager), Anver Baba Abdulla (Project Engineer), Edmon Masenga (Senior Structural Engineer), Michael Kibunja (Senior Civil Engineer), Thuto Mbotho (Senior Technician), Oliver Khonzapi (Site Agent)

### 3. Game City – Phase I

**Location:** Gaborone, Botswana **Client Contact:** Mr. G H Abdoola, Tel: 3191119 **Start Date:** September 2001 **Completion Date:** October 2002 **Contract Value:** P125 Million

**Description:** Development of a retail center.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Manager), Anver Baba Abdulla (Project Engineer), Thuto Mbotho (Senior Technician), Castro Makoba (Technician), Oliver Khonzapi (Site Agent)

### 4. Game City – Phase II

**Location:** Gaborone, Botswana **Client Contact:** Mr. G H Abdoola, Tel: 3191119 **Start Date:** 2009 **Completion Date:** 2011 **Contract Value:** P80 Million

**Description:** Retail center development.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Manager), Anver Baba Abdulla (Project Engineer), Thuto Mbotho (Senior Technician), Castro Makoba (Technician), Oliver Khonzapi (Site Agent)

### 5. Game City – Phase III

**Location:** Gaborone, Botswana **Client Contact:** Mr. G H Abdoola, Tel: 3191119 **Start Date:** 2014 **Completion Date:** 2017 **Contract Value:** P195 Million

**Description:** Retail center development.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Manager), Anver Baba Abdulla (Project Engineer), Edmon Masenga (Project Engineer), Muhammed Essack (Project Engineer), Thuto Mbotho (Senior Technician), Nicholas Basimane (Technician), Bale Odumetse (Technician), Oliver Khonzapi (Site Agent)

### 6. University of Botswana – Multidisciplinary Classroom Block

**Location:** Gaborone, Botswana **Client Contact:** Mrs. Sianga, Tel: 3552289

**Start Date:** September 2007 **Completion Date:** 2012 **Contract Value:** P90 Million

**Description:** Construction of a multidisciplinary classroom block.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Engineer), Anver Baba Abdulla (Civil Engineer), Thuto Mbotho (Technician), Baletlanyi Sejanamane (Technician)



## 7. The Square – Office Development

**Location:** Gaborone, Botswana **Client Contact:** Mr. G H Abdoola, Tel: 3191119 **Start Date:** October 2006 **Completion Date:** Completed **Contract Value:** P90 Million

**Description:** Development of retail centers and office spaces.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Engineer), Anver Baba Abdulla (Civil Engineer), Thuto Mbotho (Technician), Oliver Khonzapi (Site Engineer), Baletlanyi Sejanamane (Technician)

## 8. Integrated Office Block

**Location:** Jwaneng, Botswana **Client Contact:** Department of Building & Engineering Services, Mr. D K Nyirongo, Tel: 3160740 **Start Date:** August 2003 **Completion Date:** October 2005 **Contract Value:** P68 Million

**Description:** Construction of government offices.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Engineer), Anver Baba Abdulla (Civil Engineer), Tapfuma Matonda (Senior Engineer), Thuto Mbotho (Technician)

## 9. Motor Centre & Fairgrounds Mall

**Location:** Gaborone, Botswana **Client Contact:** Mr. A S Dada, Tel: 3951736 **Start Date:** November 1999

**Completion Date:** April 2003 **Contract Value:** P50 Million

**Description:** Development of a showroom, offices, service center, and retail center.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Engineer), Anver Baba Abdulla (Civil Engineer), Tapfuma Matonda (Senior Engineer), Thuto Mbotho (Technician)

## 10. The Fields Development

**Location:** CBD, Gaborone, Botswana **Client Contact:** Mr. T Dambe, Tel: 3908494 **Start Date:** January 2013 **Completion Date:** June 2017 **Contract Value:** P400 Million

**Description:** Mixed-use development including offices, retail spaces, a hotel, and apartments.

**Senior Staff Involved:** Rauf Abdulla (Civil/Structural Engineer), Anver Abdulla (Civil/Structural Engineer), Gidion Msakwa (Project Engineer), Muhammed Essack (Project Engineer), Nicolas Basimane (Technician), Baletlanyi Odu-metse (Technician), Oliver Khonzapi (Site Agent)

## 11. Mafikeng Mall Shopping Centre (Phase I & II)

**Location:** Mafikeng, South Africa **Client Contact:** Mr. R Hoosain, Tel: 0027 18 381 0726 **Start Date:** July 2007 **Completion Date:** Phase 1: July 2008, Phase 2: March 2009 **Contract Value:** R280 Million

**Description:** Development of a 50,000m<sup>2</sup> retail center with sporting facilities.

**Senior Staff Involved:** Anver Abdulla (Project Engineer & Structural Engineer), Oliver Khonzapi (Site Inspector), Baletlanyi Sejanamane (Technician)

## 12. Tswana Pride Abattoir

**Location:** Gaborone, Botswana **Client Contact:** Mr. A S Dada, Tel: 3951736 **Start Date:** 2010 **Completion Date:** 2011 **Contract Value:** P80 Million

**Description:** Construction of an abattoir.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Engineer), Anver Baba Abdulla (Civil Engineer), Thuto Mbotho (Technician), Oliver Khonzapi (Site Engineer), Baletlanyi Sejanamane (Technician)

## 13. FNB Head Office

**Location:** CBD, Gaborone, Botswana **Client Contact:** Mr. Alex Chepete, Tel: 3642600 **Start Date:** April 2011 **Completion Date:** December 2012 **Contract Value:** P230 Million

**Associated Consultants:** ADA Consulting in Joint Venture

**Description:** Proposed new head office for FNB in Gaborone's CBD.

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Engineer), Anver Baba Abdulla (Structural Engineer), Edmon Masenga (Structural Engineer), Michael Kibunja (Civil Engineer), Thuto Mbotho (Senior Technician), Baletlanyi Sejanamane (Technician), Nicholas Basimane (Technician)

## 14. Mlimani City Phases I-III

**Location:** Dar-es-Salaam, Tanzania **Client Contact:** Mr. G H Abdoola, Tel: 3191119 **Phase I:** **Start Date:** October 2005, **Completion Date:** Complete, **Contract Value:** USD 35 Million, **Scope:** Retail center (24,000m<sup>2</sup>), housing (8,500m<sup>2</sup>).

**Phase II:** **Start Date:** October 2005, **Completion Date:** Completed, **Contract Value:** USD 45 Million, **Scope:** Offices (9,000m<sup>2</sup>), conference center (10,000m<sup>2</sup>), residential (8,000m<sup>2</sup>).

**Phase III:** **Start Date:** 2014, **Completion Date:** 2018, **Contract Value:** USD 33 Million, **Scope:** Offices, conference center, retail. **Senior Staff Involved:** Abdul Rauf Abdulla (Project Manager), Anver Baba Abdulla (Project Engineer), Ishara Ruwanpura (Structural Engineer), Edmon Masenga (Project Engineer), Thuto Mbotho (Technician), Baletlanyi Sejanamane (Technician), Castro Makoba (Technician)



## 15. Estate Construction – Plot 54350, CBD

**Location:** Gaborone CBD, Botswana

**Client Contact:** Estate Construction, P.O. Box 403200, Gaborone

**Start Date:** April 2013

**Completion Date:** Ongoing

**Contract Value:** P200 Million

**Description:** Development of a multi-story office block (Phase I & II).

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Manager), Anver Baba Abdulla (Project Engineer), Edmon Masenga (Structural Engineer), Thuto Mbotho (Senior Technician), Oliver Khonzapi (Site Inspector)



## 16. WUC Head Office

**Location:** Gaborone CBD, Botswana

**Client Contact:** Mr. Mbayi, W.U.C., Tel: 3604400

**Start Date:** January 2011

**Completion Date:** On hold

**Contract Value:** P364 Million

**Description:** Proposed new head office and tenants wing for WUC (2,100m²).

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Engineer), Anver Baba Abdulla (Civil/Structural Engineer), Edmon Masenga (Structural Engineer), Michael Kibunja (Civil Engineer), Thuto Mbotho (Senior Technician), Baletlanyi Sejanamane (Technician), Nicholas Basimane (Technician)



## 17. Y2K

**Location:** Gaborone CBD, Botswana

**Client Contact:** Mr. Ruprah, Tel: 3914544

**Start Date:** April 2011

**Completion Date:** May 2012

**Contract Value:** P80 Million

**Description:** Multi-story office block (12,000m²).

**Senior Staff Involved:** Abdul Rauf Abdulla (Project Manager), Anver Baba Abdulla (Project Engineer), Edmon Masenga (Structural Engineer), Michael Kibunja (Civil Engineer), Thuto Mbotho (Senior Technician), Baletlanyi Sejanamane (Technician), Nicholas Basimane (Technician)

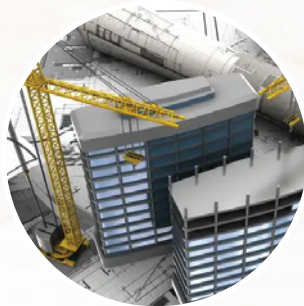


## SAFETY, HEALTH, AND ENVIRONMENTAL POLICY

At A² Engineering Consultants, the safety and wellbeing of our team, clients, and the communities we serve is of the utmost importance. We are committed to upholding the highest standards of health and safety through the implementation of rigorous management systems and comprehensive training programs. Additionally, as a socially responsible organization, we strive to minimize the environmental impact of our operations and engineering projects. This involves incorporating sustainable design principles, using eco-friendly technologies, and adhering to all relevant environmental regulations. By prioritizing the safety, health, and environmental stewardship in everything we do, we ensure the long-term success and sustainability of our business.

## GET IN TOUCH

Whether you are a government agency, private company, or international organization seeking exceptional engineering services, we invite you to connect with A² Engineering Consultants. Our team of dedicated professionals is ready to leverage their expertise and passion to deliver innovative solutions that drive your business forward. Contact us today to discuss your upcoming engineering projects and discover how our collaborative approach and commitment to excellence can benefit your organization. We look forward to the opportunity to partner with you and contribute to the continued growth and development of Botswana and the surrounding region.



## *Contact Us*



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