

GBA Information Package

Civil Drafter/Designer

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You are invited to forward your personal details, educational qualifications and work experience by telephone, facsimile or email.



GBA
CONSULTING
ENGINEERS
*Engineering
the Outback*

67 Elm Street (PO Box 169)

Barcaldine Qld 4725

Fulfilling an Essential role in the fabric of Western
Queensland

www.engineeringtheoutback.com.au

Engineering the Outback

- **Serving Western Queensland communities for over 60 years – embedded in an iconic landscape.**
- **Design & Project Management of a wide range of projectors:**
 - Rural Aerodromes
 - National & State Highways
 - Shire Roads
 - Small Bridges
 - Swimming Pools & Aquatic Centres
 - Town Water Supplies
 - Wastewater Disposal Systems
 - Local Government Technical & Engineering Services
 - Domestic, Commercial & Industrial Buildings
- **Providing engineering services and support to many rural communities in Central and Far Western Queensland.**

POSITIONS VACANT

Drafter/Designer

This is our offer:

- Extremely varied work experience:
 - Project conception
 - Design
 - Project management
 - Supervision
- Excellent conditions:
 - above award
- Great work colleagues:
 - about 20 of us
- Friendly and safe community:
 - a great social atmosphere
- The end result
 - a happy team

Barcaldine, is in Central Western Queensland and offers a relaxed, safe, unpressured, friendly lifestyle of a small community while still providing a wide range of social and cultural interests. Located on the intersection of the two major highways that head towards Longreach and the Outback, it plays host to an increasing number of tourists each year. The town boasts excellent medical/hospital and schooling facilities and is home to a large number of young families. Good quality of housing is available in a family friendly environment where all essential services are only minutes away.

George Bourne & Associates, Consulting Civil Engineers has been providing engineering services to Local Authorities in Central and Far Western Queensland for over 60 years. Our firm has available positions for Designers/Drafters (minimum of 5 years experience), based in the attractive town of Barcaldine.

If you would like to work in a small firm of friendly and motivated Engineers, Designers and support team and would like further information please contact us by telephone on (07) 4651 2177, email admin@gbassoc.com.au or visit www.engineeringtheoutback.com.au



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Our History / Our Experience

1.0 ADDRESS

George Bourne & Associates, 67 Elm Street (PO Box 169), Barcaldine Q 4725;
Tel (07) 4651 2177; Fax (07) 4651 1587, email: admin@gbassoc.com.au

2.0 BACKGROUND

This firm was established at Barcaldine by Mr CH Wilson in 1945.

The late Mr George Bourne joined the staff of CH Wilson in 1947 and remained in the practice until he passed away in 1981. The present Principals are Simon Bourne who joined the firm in 1982, Graeme Wills who joined the firm as a partner in 1998, Keith Luckhurst who joined the firm as a partner in 2005, and Mike Donald who became a partner in 2008.

Since the mid 1960's operations have been concentrated mainly in western and far western Queensland serving the areas of Barcaldine, Alpha, Longreach, Winton, Boulia, Birdsville, Bedourie, Blackall, Tambo, Windorah and Cloncurry.

3.0 TYPICAL PROJECTS

(i) Rural Aerodromes

Survey, Design, Supervision of Construction - Installation of night lighting facilities. Pavement rehabilitation and strengthening.

(ii) Rural Roads - National and State Highways, Rural Arterial, Local and Shire Roads

National Highway - supervision of day labour construction works, supervising Engineers on contract works. Rural Arterial and Local Roads - survey design and project management. Remote area roads - extensive experience in low cost roads.

(iii) Swimming Pools & Aquatic Centres

Projects carried out in association with other Consultants include Alpha, Barcaldine, Birdsville, Winton, Bedourie and Tambo Swimming Pools, and the Blackall Aquatic Centre.

(iv) Town Water Supplies

Development of headworks, water treatment and extension of water reticulation systems for western towns including ground reservoirs, dams and underground water supplies.

Other projects include Design & Project Management of Small Bridges, Wastewater Disposal Systems, Local Government Technical & Engineering Services, Domestic, Commercial & Industrial Buildings

4.0 FIELDS OF SPECIALISATION

Full range of Local Government Technical & Civil Engineering Services to rural Local Government Authorities in the Central and Far Western areas of Queensland.

5.0 REMOTE AREA ENVIRONMENT

This firm has survived in the Outback for more than 60 years by providing our clients with competent, continuous and quality service which has been developed and continually upgraded to meet their requirements in a rural and remote environment.

6.0 RESOURCES

The technical staff includes:

Ten Engineers (including four partners)
Four Designers
One Building Certifier, One cadet Building Surveyor
Five Administrative Support Staff
Two GIS survey officers
One Town Planner

The Principals and staff all reside in Barcaldine.

The team at GBA is supported by state of the art computers, computer aided drafting equipment and software all linked through our network server which provides fast internet and email access.

7.0 BARCADDINE - A REGIONAL CENTRE

Barcaldine is situated some 575 kilometres west of Rockhampton and is linked by bitumen surfaced roads to all Central Western towns.

The new Barcaldine Regional Council has a population of approximately 3400 with 1800 residing in the town of Barcaldine (ABS, 2008). Its residents are enthusiastic people led by a Council which strives to secure the region's future through the promotion of development and tourism.

For further information on Barcaldine please visit the George Bourne & Associate website at www.engineeringtheoutback.com.au

General Information

Several Government and semi-Government Departments have their regional headquarters in Barcaldine including the Queensland Department of Transport & Main Roads Central Western District, extending from 200 km east of Barcaldine to the Northern Territory border in the west.

The education of children is provided by well staffed State and Convent Schools to primary level, and a State High School to year 12.

Two supermarkets, one butcher and one bakery supply the needs to Barcaldine and various neighbouring towns. Other retail outlets are also located in Barcaldine.

Service Clubs, Associations, an Arts Group and a Picture Theatre are active in the social and cultural sphere.

Excellent sporting facilities exist at Barcaldine and include the following:

- Grassed Sports Arena and Showgrounds
- Lawn Bowls
- Netball
- Pony Club
- Rodeo and Campdraft Grounds
- Touch Football
- Cricket
- Olympic Swimming Pool
- Rifle, Gun and Pistol Clubs
- Golf
- Gymnasium
- Rugby Union
- Rugby League (senior and junior)

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POSITION DESCRIPTION

1.0 POSITION TITLE: CIVIL DESIGNER/DRAFTER

2.0 POSITION OBJECTIVES:

- To be part of the firm’s design office team in providing design services to the firm’s Engineers and external clients.
- To contribute as an effective team member of the firm’s design office and the firm as a whole.
- To contribute to engineering surveying tasks (in conjunction with firms engineering surveyor) in rural parts of Western Queensland.

3.0 REQUIREMENTS OF THE POSITION

3.1 Skills

- An established level of practical civil design and autocad drafting skills.
- An established skill in time management.
- A developing skill in information technology.
- Developing communication skills including interpersonal, planning and problem solving abilities.

3.2 Knowledge

- A competent knowledge of the following civil design programs.
 - AutoCAD
- A competent knowledge of the following programs.
 - AutoCAD Civil 3D
 - Map Info
 - 12 D – (Road Design)
- A developing knowledge of engineering surveying utilising total stations and/or GPS survey equipment.

3.3 Experience/Qualifications

- An Associate Diploma or Bachelor of Technology in Civil Engineering or equivalent and a minimum of 5 years drafting/design experience.

3.4 Training

- Continuing further education in relevant courses in Civil Engineering related fields (funded by Employer).

4.0 RESPONSIBILITIES

- Responsible to the design office Supervisor for the production of on time and within budget detailed designs for private developers, Local Government and Queensland Main Roads Civil Engineering works.
- Provision of services of a Civil Engineering nature on an ‘as required’ basis.
- Continued professional development.

5.0 ACCOUNTABILITY

- Accountable to the design office Supervisor and the firm’s Directors for the provision of a good work ethic and technical and professional skills.

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