



VEGETATION
MANAGEMENT FOR UTILITIES



INFRASTRUCTURE &
PIPELINES



COUNCIL & SUSTAINABILITY



DISASTER RECOVERY
RISK ASSESSMENT



CONSULTANCY & PROJECT
MANAGEMENT

Capability Document

Vemco Group Vegetation Management



“**5 highly specialised** business areas
15 years providing total solutions
400+ employees and growing
Limitless possibilities.”

About Vemco Group



The Vemco Group includes VEMCO, VEMTEC, LINEPRO and Aerial Devices Australia and is a licensed trademark we use to simplify the way we describe our diverse company.



We provide solutions to key industry issues and have successfully fulfilled many large and small contracts for Australia’s largest utility and infrastructure companies across every state and territory.

We provide a diverse range of services to power utilities, infrastructure contractors, land developers, clean energy & co-generation development companies, councils, road, rail & water authorities, mine & electrical asset owners and telecommunications companies.

Vemco Group is a well-established company with over 400 employees and 200 contractors, having grown significantly since we started our first operations in 1995 as a power utility contracting company.

Our customers value our ability to work with them to select the best solution and then capably manage their whole project, from concept design through to commissioning and delivery.



VEGETATION MANAGEMENT



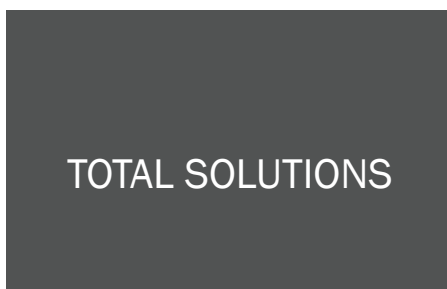
DESIGN & CONSTRUCTION



SPECIALITY FLEET SOLUTIONS



ENVIRONMENTAL MANAGEMENT



TOTAL SOLUTIONS



TOOLS & EQUIPMENT

“**Our Mission:** Building and maintaining specialist infrastructure for future generations.”

Mission & Values



► **Our Purpose**

Providing solutions to our customers

► **Our Behaviours**

We deliver what we promise

We engage positively and professionally with our peers and customers

We have the right to challenge to gain clarity and accountability

We invite opinion and respect others' views

► **Our Values**

Aligned objectives

Empowered

Accountable

Open

Vemco Group has a compliance based culture which includes a comprehensive **Quality, Health & Safety and Environmental management system.**

- Vemco Group has a Quality Assured Management System accredited to ISO 9001:2008 standard.
- Our Health & Safety Management system is accredited to AS 4801. Our system is supported by comprehensive computer based data bases that record all relevant Health & Safety information and prompts the business when key milestone dates are due. This ensures staff training, plant and equipment complies with Regulatory and Legislative requirements at all times. Our Health and Safety Systems are heavily focused on the performance of our own staff and subcontractors. We then apply a comprehensive audit program to ensure Health and Safety standards are maintained.
- Vemco Group has third party Environmental Management accreditation to ISO 14000 standards and every new project undertaken has a project specific plan implemented.

“We are specialists in providing turnkey project management, as well as expert consultancy.”

Why deal with us



Vemco Group have a long association with the Power & Infrastructure Industry and understand the risks of vegetation that poses to initiate bushfires, damage assets and threaten public safety. Australia's largest Utilities, Municipalities and Infrastructure Constructors have used us for over 15 years to solve their most pressing Vegetation Management issues.

Our focus is to establish a long term business relationship with our customers based on the following:

- Provide high level, complex, vegetation risk and management services.
- These services are generally required in high risk industries such as the electricity, telecommunications, road, rail and Utilities.
- Provide strategic planning, risk assessment, field inspection, data collection and the total management of service delivery.
- Whilst all strategic services are provided directly by the group's own staff, we also subcontract out the core service of vegetation cutting to a range of specialist service providers.
- Using this methodology, we retain a competitive environment, ensuring value for money whilst maintaining a high level of performance in non-financial areas such as quality of works, health and safety and customer satisfaction.
- Provide a complete “end to end” vegetation management services with:
 - Long and short term vegetation management
 - Tree & vegetation removal
 - Risk assessment
 - Arborist inspections
 - Vegetation management plans
 - Statutory requirements Compliance
 - Regulatory Compliance
 - Stakeholder Consultation
- With a highly trained and skilled workforce and modern state of the art equipment, our field resources include staff with specialist skills and qualifications such as;
 - Arborists
 - Electrical Live Linesman
 - Linesman
 - Tree Climbers
 - Herbicide sprayers
- Based on the specific needs of any individual client, we can provide the most cost effective solution to any vegetation related problem.

“ Our customers value our willingness to respond to their specific needs and deliver innovative solutions. ”

Service Offerings



Vegetation Management & Utility Programs

Our Utility and Council Vegetation Services are specifically tailored for each customer. For some major utilities we manage the full spectrum of the ‘clearance space’ activities around their assets including rolling 3 year cyclic inspections, clearing works, annual bushfire preparedness programs, maintaining customer and council trees through to delivering client controlled scoped work packages.

Many of our utility program contracts are large long term arrangements where the Vemco Group focus is to provide a total risk management approach that optimises regulatory expenditure cycles and improved vegetation related outage and asset failure performance. Our major utility customers include: CitiPower, Powercor, Western Power, Energex, Country Energy, ETSA Utilities, TransGrid and ElectraNet.

Our workforce has a mix of in-house experts ranging through to local contractors who understand the local environment and how to connect and work with people in their own locality.

We provide consultancy services including due diligence works to multinational utilities seeking to purchase utility assets within Australia. These large scale consultancies have been to establish the status of regulatory compliance and projected expenditure against the vegetation management function.

Typical services provided includes the review of existing strategies, budgets, resource performance, quality of works, health & safety audits and compliance auditing.

Summary of our experience for Major Power Utility programs:

Contract for	Years held
Powercor	11 years
Energex	8 years
ElectraNet	13 years
Transgrid	3 years
ETSA	3 years
Essential Energy	1 year
Eastern Energy	4 years
Western Power	2 years

Contract for	Years held
AGL	11 years
Alinta	4 years
Ergon	4 years
Energy Australia	3 years
Aurora	5 years
Country Energy North	2 years
Country Energy South	3 years
CitiPower	4 years

“ We tailor solutions to meet the specific needs of each customer. Our major customers typically require a unique vegetation service and have specific local needs. ”

Service Offerings



Infrastructure & Pipelines

We have access to a vast range of specialist plant and equipment for large infrastructure projects requiring vegetation removal. We are able to provide the most appropriate vegetation clearing methodology to each project to ensure a cost effective outcome is achieved.

Our projects have included major corridor works for multilane freeways, pipeline, dams and others that involve sensitive native vegetation access works and tree preservation for significant heritage vegetation and environments.

Our specialised forestry rated plant and equipment used includes:

- Horizontal linear feed grinders
- Forestry Harvesters
- Excavators with tree grabs and cut off saws
- Mega Mulchers and mobile skid steer mulching units
- Hi Rail mounted Elevated Work Platforms and Tipper Chippers
- Land clearing Dozer equipped with tree spear, sweeps and ripper

“ We offer a one-stop shop for all your vegetation management needs. ”

Our Capability

Recent Infrastructure and Pipeline Projects

Customer: **Thiess Pty Ltd**

Project: Victoria Desalination Project/Pipeline

Our Role: Vegetation clearance to facilitate pipeline construction

Customer: **John Holland**

Project: Sugarloaf Pipeline Alliance Victoria

Our Role: Clearing vegetation, grubbing and mulching

Customer: **Leightons Contractors**

Project: Ballina Bypass Alliance, NSW

Our Role: Clearing vegetation, grubbing and mulching

Customer: **Thiess Pty Ltd**

Project: Hinz Dam – Stage 3, QLD

Our Role: Clearing vegetation, grubbing & Storage Facility

Customer: **Leightons Contractors & NSW Dept. of Commerce**

Project: Shannon Creek Water

Our Role: Clearing vegetation, grubbing and mulching

Customer: **John Holland/Thiess**

Project: East Link – Melbourne, Victoria

Our Role: Clearing vegetation, grubbing and mulching operations at various locations

Customer: **ETSA Utilities**

Project: Wattle Point Wind Farm, SA

Our Role: Aborist assessment, clearing and removal of vegetation

Customer: **Pacific Hydro**

Project: Portland Wind Energy Project, Victoria

Our Role: Cutting and Removal of all approved vegetation

Customer: **Queensland Government**

Project: Cyclone Yasi cleanup

Our Role: Primary contract for disaster recovery & cleanup



“ We offer innovative and tailored vegetation management solutions and we follow up with a whole-of-life commitment to our customers. ”

Service Offerings



Council & Sustainability

Our Municipality, Council and Shire Vegetation Services are tailored for our customer and their constituents. Our programs include inspections & removal, annual bushfire preparedness programs and maintaining customer and council trees. We also have a strong focus on State Departments of Sustainability where a key imperative is preserving the sustainability and longevity of natural forests and woodlands.

Many of our activities are aimed at “preserving the vegetation” in order to enhance visual impact, preserve a valuable historic or important vegetation asset or generally improve the general environmental amenity of an area. Where removal of vegetation is required to meet code, minimise recurring work, or make an area safe and accessible we have a variety of services that can be used. These services include the following:

- Vegetation Strategy Development
- Tree pruning & removal/Vegetation cutting using Live Line techniques (electrical)
- Removal of dead and dangerous limbs, uplifting and thinning
- Data Collection
- Stump grinding, Slashing, Mulching, Grubbing & other mechanical treatment methods
- Re-vegetation/planting of replacement trees
- Herbicide application

We also provide consulting services whereby we also review existing vegetation strategies, budgets, resource performance, quality of works, health & safety audits and compliance auditing.

“ We offer specialised services to manage issues while minimising the risks to our customers. ”

Service Offerings



Disaster Recovery & Risk Assessment

The Vemco Group has a track record supporting the community in Disaster Response. The group has substantial capacity to assist in disaster recovery programs as demonstrated through our involvement in immediate response to Declared Natural Disasters such as Black Saturday Bushfires and Cyclone Larry.

The following services are available for immediate mobilisation in the event of a Natural Disaster through a network of local and national resources.

- Complete Contract/Project Management Services
- Priority/Risk/Arboriculture Inspections & Reporting
- Tree/Vegetation clearing, grubbing and mulching
- Establishment of Easements and Access tracks
- Community, Stakeholder Consultation and liaison
- Clearing for re-construction of major infrastructure such as roads, water storages, power and telecommunication services, rail and pipelines
- Environmental impact assessments and consulting

Vemco Group has the following plant with operators and crews locally available for immediate mobilisation:

- Manual Ground Crews
- Manual Climbing Crews
- Elevated Work Platforms (All sizes)
- Mechanical Grinders
- Authorised Close Approach Tree Clearers
- Tipper/Chippers
- Skid steers (4 in 1 buckets & Mulching Heads)
- Bulldozers, Harvesters, Excavators, Skidders, Processors

All equipment and works will be conducted in accordance with relevant safety and environmental standards and regular progress reporting and full documentation is always made available to clients.

“ Our customers rely on us for all their vegetation works. ”

Service Offerings



Consultancy & Project Management

We provide consultancy services including due diligence works to many multinational utilities seeking to purchase utility assets within Australia. These large scale consultancies have been to establish the status of regulatory compliance and projected expenditure against the vegetation management function.

The group has at a smaller scale provided expert consultancy services many authorities regarding a broad range of vegetation related issues.

Typical services provided includes the review of existing strategies, budgets, resource performance, quality of works, health & safety audits and compliance auditing.

Contract Management

Contract management services provided by the group include;

- Preparation of tender / technical specifications
- Management of the tender process including contractor selection
- Management and Supervision of contractors
- Compliance auditing & inspection of contractors
- Management of multiple contract resources including specialist mechanical clearing contractors to deliver major projects
- Delivery of highly complex, environmentally sensitive projects

We have proven our ability to deliver challenging projects within the time, cost and quality expectations of our clients.

“ Our specialised vegetation management equipment and tools help us make your job safer, quicker and easier. ”

Service Offerings



Vegetation Inspection & Data Collection

- Vegetation inspection services
- Risk assessment services
- Collection of vegetation data
- Data management
- GSP location capture
- Customer & Stakeholder negotiation
- Auditing

These services are provided by the group's highly skilled Arborists and Supervisors. Inspection and data collection has become a critical requirement for many asset owners as the need to manage vegetation assets effectively has increased.

Data collected can be analysed and used as the basis for establishing work priorities, budget forecasting and risk mitigation programs. Our auditing services provide a level of comfort to our clients that services provided by others are in accordance with our client's expectations and technical standards.

We have developed a comprehensive IT system to collect and analyse data and can provide customised reporting to suit any client's specific requirements. Data can be collected using hand held Palm Pilot technology and transferred electronically to our client's.

“ We take care of the environment for your infrastructure project. ”

Service Offerings



Environmental Management

The Vemco Group has a deep understanding of environmental requirements for infrastructure projects. This allows our clients to focus on their delivery milestones while we put structure and manageable boundaries around the environmental risks of any pipeline, renewable energy or power sector project. With a team of highly skilled environmental scientists ranging from botanists, zoologists, ecologists, geologists, environmental OH&S site supervisors/auditors we aim to meet the need of every client. The group's project portfolio includes pipeline, windfarm, rail, water, power and property development projects throughout Australia.

High quality data captured throughout the stage of each project includes GPS mapping data, JSA's, photo point monitoring, monitoring, budget management and fully detailed reports. These can all be tailored to the client's needs.

Our Environmental and Natural Resource Planning Services include:

- Environmental Planning Assistance including VCAT representation
- EIS/EES/FFG etc Preparation & Approvals

Ecological Restoration and Rehabilitation Management Services include:

- Environmental & Agricultural Weed Control including Manual Control (machinery & hand tools), Chemical Control (Boom Spraying, manual control etc), Biological Control Agents (through DPI, Burning etc)
- Habitat Creation including Log Relocation, Revegetation, Nest Box Construction, Erection & Monitoring
- Salinity & Erosion Control Management throughout Dams, Creeks, Drainage Lines, Steep Terrain etc.
- Land, Weed & Revegetation Management Plans
- Environmental Site Supervision during re-instatement of small to large scale construction projects

“ Our experienced team understands the industry and ‘speaks the language’ of distribution utilities. ”

Our Commitment



Understanding

We understand the issues of industries you work in. We are 100 per cent committed to helping you solve these issues using our vast pool of knowledge, skills and experience. Whether it is reducing the risk of bushfire, making power supply more reliable or making sure your work teams have the safest and most productive speciality vehicles, you can rely on us to deliver.

Adding Value

Whatever the needs of our customers, we have the proven capability to deliver a cost-effective solution for any issue. Our clients tell us they value our ability to work with them to select the best solution and then take full responsibility to make it happen. They trust our capacity to capably manage the development process of whole projects, from concept design through to commissioning and delivery.

Health and Safety

We take this very seriously and are committed to protecting our people, your employees and the general public. Our relevant Health and Safety Systems are certified to AS/NZS ISO 9001.

Risk Management

We are committed to safeguarding critical assets against environmental risks (such as bushfire).

Environment

We have developed a tailored Environmental Management System which enhances and demonstrates our commitment to managing all activities in an environmentally responsible manner. Our relevant Environmental Management Systems are certified to AS/NZS ISO 14001.

Quality

Our customers expect safe, reliable and cost-effective services and solutions, delivered on time. We are committed to delivering quality outcomes for every project. Our relevant Quality Management Systems are certified to AS/NZS ISO 4801.

Innovation

We demonstrate a high level of innovation in the way we structure our business, the way we respond to meet the needs of our customers, and the way we create solutions for our customers with our tailored products and equipment.

“ We provide solutions to key industry issues and have successfully fulfilled many large and small contracts for Australia’s largest utility and infrastructure companies across every state and territory. ”

Our Network



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