

**TENDER 013/15 SUPPLY AND INSTALLATION OF NON CHEMICAL IRON REMOVAL  
FILTRATION UNITS**

<b>Item</b>	<b>Location</b>	<b>Description</b>
1	Rodgers Park, Greenwood	Supply and installation of iron removal filtration unit with an iron contents of up to 6.25ppm down to 0.3ppm with a flow rate of no greater than 13.0L/sec (46.8m <sup>3</sup> )
2	Edgewater Park, Edgewater	Supply and installation of iron removal filtration unit with an iron contents of up to 13.75ppm down to 0.3ppm with a flow rate of no greater than 14.0L/ sec (50.4m <sup>3</sup> )
3	Parkside Park, Woodvale	Supply and installation of iron removal filtration unit with an iron contents of up to 7.0ppm down to 0.3ppm with a flow rate of no greater than 8.0L/sec (28.8m <sup>3</sup> )
4	Blackthorn Park, Greenwood	Supply and installation of iron removal filtration unit with an iron contents of up to 4.0ppm down to 0.3ppm with a flow rate of no greater than 13.0L/sec (46.8m <sup>3</sup> )

<b>Item</b>	<b>Description</b>	<b>Flow Rate (L / Sec)</b>	<b>Iron Contents (PPM)</b>
1	Supply and installation of Non Chemical Iron Removal Filtration Units with iron contents down to 0.3 ppm	6 - 9	3 - 6 6 - 9 9 -12 12 - 15
2		9 - 12	3 - 6 6 - 9 9 -12 12 -15
3		12 - 15	3 - 6 6 - 9 9 -12 12 - 15

## SUMMARY OF TENDER SUBMISSIONS

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Total Score	Rank
		Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the requirements	Social and economic effects on the local community		
Elliotts Irrigation Pty Ltd All requirements have been met.	Yes	<p>The company has been providing specialised water management solutions since 1969 and is based in Greenwood. It combined with Western Irrigation in 1996 to provide complete solutions in design, irrigation, drilling and project management services. The company has 37 employees. An organisational chart was supplied and supported by the role and qualifications of the Filtration Manager and four Filtration Technicians. The equipment required for the project was itemised. It stated additional resources can be assigned, if required. No after hours contacts were provided.</p> <p>The company has its own quality management system and a safety policy in place. Copies of its Health, Safety and Environmental policy, OHSE management plan and the company's safety record of the past two years were supplied.</p>	<p>Elliotts Irrigation Pty Ltd demonstrated experience providing services of similar nature for local governments and private organisations. The company has provided filtration system for the Cities of Bunbury (triple tank filtration system), Subiaco (double tank filtration system) and Rockingham (single tank filtration system) and supplied and installed irrigation mainline, iron filters and conduits to the City of Cockburn. It has also provided filtration services for the Town of Bassendean, LWP Property Group, LD Total, City Gate Properties and the City of Stirling.</p>	<p>Elliotts Irrigation Pty Ltd demonstrated a thorough understanding and appreciation of the City's requirements. It provided separate scope of works, methodology, key items, proposed filtration system and potential variations for each of the four parks. The methodology and implementation strategy addressed project review, procurement, scheduling, personnel to be engaged, execution and completion of the projects.</p>	<p>Elliotts Irrigation Pty Ltd is located in Greenwood. It employs local residents and uses local suppliers. The company is a sponsor of the Warwick Bowling Club and member of the Joondalup Business Association.</p>	86.2%	1

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		Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the requirements	Social and economic effects on the local community		
<p>Enviropacific Services Pty Ltd</p> <p>All requirements have been met.</p>	Yes	<p>The company has been in business since 2001 and has 170 staff across Australia. Its head office is in Newcastle, NSW with branch offices in all capital cities except Darwin. Its Perth office is in Landsdale. Qualification, industry experience and skills of four key personnel were provided. A brief list of specialised equipment that will be used to carry out the works was supplied. Organisational chart, its ability to provide additional resources and personnel and after-hour contacts were not provided</p> <p>The company operates an accredited quality management system to ISO 9001:2008, occupational health and safety management system AS/NZS 4801:2001 and environmental management system ISO 14001. Safety records were provided but no safety policy or procedures were supplied.</p>	<p>Enviropacific Services Pty Ltd demonstrated experience in providing water treatment solutions for local governments and private organisations. Three examples were supplied and these included design, build and ongoing operation of a water treatment system for Orica in Villawood, NSW, design, construct and operation of a potable water treatment plant for Wollongong City Council, NSW and water treatment system to treat rainwater and contaminated groundwater for Australian Rail Track Corporation.</p>	<p>The company demonstrated some understanding of the City requirements. It provided a concept design of the proposed system with a preliminary process flow diagram. The project methodology addressed treatment process and operating philosophy covering bore pump, filtration system and system automation and scope of supply for each of the four parks.</p>	<p>This criterion was not addressed.</p>	63.2%	2

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Total Score	Rank
		Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the requirements	Social and economic effects on the local community		
SLS Technology Pty Ltd All requirements have been met.	Yes	<p>The company has been in operation since 1998. It is based in Carlisle and has six full-time employees. An organisational chart was supplied and the equipment required for the project was listed. Detailed qualifications, experience and skills of two key personnel was supplied. After-hour contacts for emergency requirements and ability to provide additional equipment and personnel were not addressed.</p> <p>SLS Technology Pty Ltd operates its own quality management system and has a safety policy in place. A copy of its safety policy and the company's safety record of the past two years were supplied.</p>	<p>SLS Technology Pty Ltd did not demonstrate sufficient experience providing similar services. Nine project examples were submitted as its proof of experience but none in the irrigation filtration field. The examples included projects for G-Resources (river water filtration for a gold mine project), BHP-Nickel West (filtration of discharge water from a nickel refinery), Tarcutta drinking water plant upgrade project and Alcyone Resources (filtration plant for silver processing plant).</p>	<p>SLS technology Pty Ltd demonstrated a thorough understanding of the requirements. It provided a comprehensive process design justification addressing raw water parameters for the four parks, process theory, on site on demand chemical manufacture, filtration technology, fail safe features, valve operating cost comparison and performance monitoring.</p>	<p>This criterion was not addressed</p>	54.8%	3

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		Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the requirements	Social and economic effects on the local community		
<p>The Trustee for S &amp; E Mcculloch Family Trust trading as Glacier Filtration</p> <p>All requirements have been met.</p>	Yes	<p>Glacier Filtration has been providing complete water management solutions for more than seven years. The company is located in Condobolin NSW and has unknown number of staff. Details of five key personnel including their qualifications and experience were provided. The company will engage Hydroquip Pumps and Triton Electrical for pumps and electrical services. After-hour contacts for emergency requirements were provided. The organisation chart was not supplied.</p> <p>The company operates its own quality management system and has a safety policy in place. A copy of its safety policy was supplied. Safety records were not supplied.</p>	<p>Glacier Filtration demonstrated experience in providing similar services for various organisations including local governments. Seven project examples were provided and these included Paine Reserve bore filtration and Yarrabay storm water harvesting projects for Randwick City Council NSW, UV disinfection for NSW department of Sports and Recreation, storm water harvesting system development for HOLCIM regional distribution centre, filtration and disinfectant system for Saxby's Softdrinks and leachate treatment system for Innaco Pty Ltd.</p>	<p>The company demonstrated an understanding of the requirements. The response addressed the system operation, delivery of equipment, installation, diagrammatic system layout, details of the iron removal filter and pump specifications</p>	<p>The company stated that it will engage local contractors to perform specific tasks.</p>	38.0%	4