

TENDER 005/17 MAINTENANCE AND SUPPLY OF ORNAMENTAL STREET LIGHTS

**SCHEDULE OF ITEMS**

**1. PERIODIC INSPECTIONS**

Item	Description
<b>1</b>	<b>March and September Periodic Condition Inspections of all pole types and luminaires</b>
1.1	Joondalup City Centre (1,692 Poles)
1.2	Beaumaris Beach Estate, Iluka (632 Poles)
1.3	Harbour Rise Estate, Hillarys (346 Poles)
1.4	Section of Ocean Reef Road between Hodges Drive and Shenton Avenue (22 Poles)

**2. SUPPLY AND INSTALLATION OF LUMINAIRE, LAMP HOLDER, LAMP, CONTROL GEAR, BALLAST AND CAPACITOR**

Pole Type	Description	Voltage
<b>Joondalup City Centre</b>		
1	11 m high double outreach	240V
2	11 m high single outreach	240V
2A	11 m high single outreach with 250W mercury vapour lamp	240V
3	Minor roadway and pedestrian spine lighting	240V
3A	Minor roadway and pedestrian spine lighting with 125W mercury vapour lamp and glare shield	240V
4	11 m high single outreach with banner arms	240V
5	N/A	NA
6	4 m high car park light	240V
7	4 m high residential laneway light	240V
9	1 m high 125W mercury vapour laneway light	240V
9A	1 m laneway light	240V
<b>Beaumaris Beach Estate, Iluka</b>		
1	12.5 m high double outreach	240V
2	7.3 m high single outreach	240V
3	Single outreach park light	240V
<b>Harbour Rise Estate, Hillarys</b>		
1	Street light	240V
2	Park light	240V
<b>Ocean Reef Road, between Hodges Drive and Shenton Avenue</b>		
1	12.5 m high double outreach	240V
2	12.5 m high single outreach	240V

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**3. CLEANING OF LUMINAIRES**

<b>Pole Type</b>	<b>Description</b>	<b>Voltage</b>
<b>Joondalup City Centre</b>		
1	11 m high double outreach	240V
2	11 m high single outreach	240V
2A	11 m high single outreach with 250W mercury vapour lamp	240V
3	Minor roadway and pedestrian spine lighting	240V
3A	Minor roadway and pedestrian spine lighting with 125W mercury vapour lamp	240V
4	11 m high single outreach with banner arms	240V
5	10.5 m High double outreach Multipole	415V
6	4 m high car park light	240V
7	4 m high residential laneway light	240V
9	1 m high 125W mercury vapour laneway light	240V
9A	1 m laneway light	240V
<b>Beaumaris Beach Estate, Iluka</b>		
1	12.5 m double outreach	240V
2	7.3 m high single outreach	240V
3	Single outreach park light	240V
<b>Harbour Rise Estate, Hillarys</b>		
1	Street light	240V
2	Park and laneway light	240V
<b>Ocean Reef Road, between Hodges Drive and Shenton Avenue</b>		
1	12.5 m high double outreach	240V
2	12.5 m high single outreach	240V

**4. SUPPLY AND INSTALLATION OF MISCELLANEOUS ITEMS**

<b>Item</b>	<b>Description</b>	<b>Type</b>	<b>UOM</b>
1A	Switchboard Contactors	Clipsal 6C 38/240V AV contactor	Each
1B		Clipsal 6C 95/240V AC contactor	Each
1C		Sprecher & Schuh CA6-140 [E1] 240V contactor	Each
2A	Lighting Circuit Breakers	Clipsal 1 pole 16 amp DIN 6KA ACB	Each
2B		Clipsal 1 pole 20 amp DIN 6KA ACB	Each
2C		Clipsal 3 pole 20 amp DIN 6KA ACB	Each
2D		Merlin Gerin 1 pole 16 amp C60N ACB	Each
2E		Merlin Gerin 1 pole 20 amp C60N ACB	Each
2F		Merlin Gerin 3 pole 20 amp C60N ACB	Each

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Item	Description	Type	UOM
3A	Heavy Duty Conduit	25 mm dia	Metre
3B		32 mm dia	Metre
3C		40 mm dia	Metre
3D		50 mm dia	Metre
3E		63 mm dia	Metre
3F		80 mm dia	Metre
3G		100 mm dia	Metre
4A		Lighting Cabling	2 x 1C 2.5mm <sup>2</sup> + 2.5mm <sup>2</sup> Earth PVC
4B	2 x 1C 4.0mm <sup>2</sup> + 2.5mm <sup>2</sup> Earth PVC		Metre
4C	2 x 1C 6.0mm <sup>2</sup> + 2.5mm <sup>2</sup> Earth PVC		Metre
4D	2 x 1C 10.0mm <sup>2</sup> + 4.0mm <sup>2</sup> Earth PVC		Metre
4E	2 x 1C 16.0mm <sup>2</sup> + 6.0mm <sup>2</sup> Earth PVC		Metre
4F	4 x 1C 4.0mm <sup>2</sup> + 2.5mm <sup>2</sup> Earth PVC		Metre
4G	4 x 1C 6.0mm <sup>2</sup> + 2.5mm <sup>2</sup> Earth PVC		Metre
4H	4 x 1C 10.0mm <sup>2</sup> + 4.0mm <sup>2</sup> Earth PVC		Metre
4I	4 x 1C 16.0mm <sup>2</sup> + 6.0mm <sup>2</sup> Earth PVC		Metre
5A	Cable Pit		GRC 5xT 560 x 330 x 650 deep
5B		GRC 12 760 x 700 x 825 deep	Each
5C		GRC 18 800 x 700 x 850 deep (trafficable)	Each
6A	Replace Pit Lid Only	GRC 5xT	Each
6B		GRC 12	Each
6C		GRC 18	Each
7	Removal and replacement of banner arm(s) from Joondalup City Centre Type 4 pole		Each
8	Installation and removal of banners from Joondalup City Centre new Multipoles		Each
9	Removal and replacement of light pole timber base from Harbour Rise Estate Type 1 and 2 poles as per drawings ES19-4-1 & ES19-5-0		Each

**5. INVESTIGATION OF REPORTED FAULTS**

Description
Investigation of Reported Faults Minor (where minor repairs are required and carried out whilst on site, e.g., lamp, PE cell replacement, and the like)
Investigation of Reported Faults Major

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**6. ADDITIONAL RATES (LABOUR / HIRE) - WORKING HOURS AND AFTER HOURS**

<b>Item</b>	<b>Description</b>	<b>UOM</b>
1	Labour Rate – Electrician	per Hour
2	Labour Rate – Trade Assistant	per Hour
3	Labour Rate - Labourer	per Hour
4	Labour Rate - Apprentice	per Hour
5	16 m Cherry Picker including operator	per Hour
6	Hiab Truck including operator	per Hour
7	Materials Percentage Mark-Up Rate	%

## SUMMARY OF TENDER SUBMISSIONS

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Value	Rank
		Demonstrated experience in providing similar services	Capacity	Demonstrated understanding of the required tasks	Social and economic effects on the local community			
<p>Surun Services Pty Ltd</p> <p>All requirements have been met.</p>	Yes	<p>It has extensive experience providing similar services to state and local governments including the Cities of Perth (St Georges Terrace lighting upgrade – 2015 to 2016 and street/pole lighting maintenance, repairs and replacement - 2016 to 2019), Mandurah (electrical services for street lighting and sports lighting - 2015 to 2018) and Joondalup (supply and install new energy efficient pathway lighting in Warrigal Park - 2015 and maintenance of ornamental street lights Jan – May 2017). Other examples of works included electrical and lighting maintenance for VenuesWest NIB Stadium (2014 to 2019).</p>	<p>Though it did not indicate when it was established, it currently has 16 full-time employees. Its structure of business and details of support team including their qualifications and industry experience were provided. It owns all plant and equipment. An extensive list of equipment was supplied. It maintains a pool of casual staff and utilises the services of Hayes Labour Hire, if required. It provides 24/7 service. It has a quality management system accredited to ISO9001 and a safety policy in place. Copies of its safety procedures and statistics were provided.</p>	<p>It demonstrated a thorough understanding and appreciation of the City's requirements. It submitted a comprehensive response. Its proposed methodology included an outline of tasks to be carried out and details the standards used to complete the works. It focuses on work order management, timeframes, housekeeping, stock, work in progress report, non-compliant works and pest control.</p>	<p>It is located in White Gum Valley. It also has a depot at the same location and other storage facilities in the Perth CBD, Joondalup and Mandurah. It utilises electrical wholesale suppliers and hire companies local to the City (including MM Electrical and Mini Excavators) to service the works. One of its staff members is a local resident. The company supports local community and has made a donation to the Joondalup Health Campus.</p>	84.8%	\$459,430 (assuming no change in historical usage)	1

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Value	Rank
		Demonstrated experience in providing similar services	Capacity	Demonstrated understanding of the required tasks	Social and economic effects on the local community			
<p>Wanneroo Electrics Unit Trust</p> <p>All requirements have not been met. The tenderer did not provide a 'yes/no' response or its agreement to comply with the conditions of Contract or warrant unconditional compliance with the Specification.</p>	No	<p>It has been providing electrical services to various organisations including local governments for many years. Examples of works included the Cities of Wanneroo (street lighting for both major and minor roads - 2001 to 2017) and Joondalup (excluding street lighting - 2005 to 2019), Mercy College (1977 ongoing), Image Source (2008 ongoing) and Active Property Maintenance (2012 ongoing). However, it submitted limited information on the scope of works carried out for these organisations or similarities of services to the City's requirements.</p>	<p>It was established in 1962. It has 10 staff. Its structure of business and details of key personnel including their qualifications and years of industry experience were provided. It stated, if successful, it intends to lease/buy a suitable cherry picker unit. It has arrangements with several electrical contractors and electrical contracting companies to provide additional personnel and resources, if required. It provides 24/7 coverage with tradesmen or electricians on-call roster. It operates with its own quality management system and has a safety policy in place. Copies of its safety management plan and statistics were supplied.</p>	<p>It demonstrated its understanding of the required tasks. It noted it is currently providing other electrical services to the City and has existing procedures in place for receiving work order, response, rectification, communication and invoicing. An outline of tasks for reactive works including a workflow chart and allocation of personnel to undertake the works were supplied. However, it did not fully address street lighting issue or traffic management requirements.</p>	<p>It is located in Clarkson. It has workshops and offices in Edgewater and Mullaloo. Several of its staff members are local residents. Since in operation, it has trained over 100 apprentices.</p>	58.4%	\$656,976 (assuming no change in historical usage)	2

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Value	Rank
		Demonstrated experience in providing similar services	Capacity	Demonstrated understanding of the required tasks	Social and economic effects on the local community			
<p>Otto Olivier Pty Ltd trading as Airco</p> <p>All requirements have been met.</p>	Yes	<p>It has been providing electrical services to local governments for buildings, streetlights, park lighting, access way lights, pathway lights, bollard lights, all power connections and emergency calls relating to damaged street lights. However, only two examples of works were provided and these were electrical services for the Cities of South Perth (2006 - 2009) and Subiaco (2009 - current). It submitted insufficient information on the scope of works or similarities of services undertaken for its clients to the City's requirements. Referee contacts from only one organisation were supplied when a minimum of three was required.</p>	<p>It been trading since 1998 and currently has 15 full-time employees. An organisation structure and some details of key personnel including their experience were provided. It stated the company provides a 24 hour service and has the capacity to carry out any service requirements for its clients. Afterhours contacts were provided. A small list of equipment was supplied. It has its own quality management system and a safety policy in place. Its response to safety management requirements was generic with little relating to traffic management for public areas. Its safety statistics were not supplied.</p>	<p>It did not demonstrate sufficient understanding of the City's requirements. Its proposed approach focussed generally on planning all projects to ensure effectiveness, efficiency and safety in carrying out the works (part of the planning is to ensure adequate resources, safety equipment and appropriate materials are available to complete the tasks). Its safety statement made reference to roof access / inspection (mainly for air-conditioning or building services).</p>	<p>It is located in Wangara Its PO Box address is located in Hillarys.</p>	33.6%	\$1,408,058 (assuming no change in historical usage)	3

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Value	Rank
		Demonstrated experience in providing similar services	Capacity	Demonstrated understanding of the required tasks	Social and economic effects on the local community			
<p>Paro Australia Pty Ltd</p> <p>All requirements have been met.</p>	Yes	<p>It demonstrated some experience in providing similar services to local governments. Three examples of works were provided and these were maintenance street light and connection services in Joondalup for Theiss (two years contract completed), maintenance and installation of decorative park lights for the City of Rockingham (1 year period completed) and street pole and lighting maintenance in Perth for Horizon Power (2 years contract completed). Dates of when these works were undertaken were not provided. It stated it is newly formed and that previous services provided were under contracts of different companies.</p>	<p>It commenced operation in 2005. An organisation chart and details of key personnel including their qualifications were provided. It has four electricians and one electrical engineer as its core staff. However, it submitted limited information on specialised equipment. Its safety statistics, afterhours contacts for emergency requirements, the number of full-time employees and the ability to provide additional personnel were not addressed. It operates with its own quality management system and has a safety policy in place. A copy of its safety policy and safe work method statements were provided.</p>	<p>It demonstrated limited understanding of the City's requirements. It proposed a site specific safety plan will be submitted as part of the works undertaken for the City. It stated the plan will include as a minimum, hazard identification procedure, environmental requirements, resource approval and names of personnel involved, their technical capability, roles and duties. However, a Western Power lamp replacement / upgrade data sheet was provided as an example of the documentation for recording the physical state of every lamp and lamp post.</p>	<p>It is based in Ormeau Hills, Queensland. Its WA office is located in Canning Vale. It aims at employing or utilising equipment and goods locally.</p>	30.3%	\$6,834,179 (assuming no change in historical usage)	4