

APPENDIX 15

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

ATTACHMENT 1

SCHEDULE OF ITEMS

ITEM	DESCRIPTION	Unit
1	Install Light Point – Supply and install a new bayonet type light point including a new switch connected to existing circuit. (Include allowance for 10m wiring).	Each
2	Install MR12 LED down Light -Install replacement MR12 LED down light. Philips, Thorn or other approved similar quality.	Each
3	Install 10amp Single Power Outlet – Supply and install a new 10amp safety shuttered switched single power outlet, connected to existing circuit. (Include allowance for 10m wiring).	Each
4	Install 10amp Double Power Outlet – Supply and install a new 10amp safety shuttered switched double power outlet, connected to existing circuit. (Include allowance for 10m wiring).	Each
5	Install 10amp Double Power Outlet – Supply and install a new 10amp safety shuttered switched double power outlet, connected back to main distribution board with a new (separate) circuit breaker (MCB/RCD) included. (Include allowance for up to 10m wiring).	Each
6	Install 15amp Single Power Outlet – Supply and install a new 15amp safety shuttered switched single power outlet, connected back to main distribution board with a new (separate) circuit breaker (MCB/RCD) included. (Include allowance for 10m wiring).	Each
7	Install Cat 5e/6 single data outlet - Terminate both ends and test as required: allow up to 50m of cable	Each
8	Install Cat 5e/6 single data outlet - Terminate both ends and test as required: Allow up to 100m of cable	Each
9	Install Neutral Link – Supply and install a new 10 hole neutral link.	Each
10	Renew 80 Amp Single Phase Main Switch – Supply and install a new single phase 80 amp main switch to switchboard.	Each
11	Renew 55 Amp Three Phase Main Switch – Supply and install a new three phase 55 amp main switch to switchboard.	Each
12	Renew 100 Amp Three Phase Main Switch – Supply and install a new three phase 100 amp main switch to switchboard	Each
13	Renew Single Pole 10 Amp 6KA MCB – Supply and install a new 10 amp 6ka single pole Miniature Circuit Breaker.	Each
14	Adjust Time clock – Reset time clock. Attend site during normal hours (non emergency callout) and adjust/reset timeclock as directed.	Each
15	Renew Time Clock – Supply and install a new replacement digital (battery backed) time clock to existing installation (typical Clipsal 4TCD1).	Each
16	Install Flood light controller - Supply and install Hunter 4 station Controller. Enter program as required	Each
17	Install Flood light controller - Supply and install Hunter 6 station Controller. Enter Program as required.	Each
18	Renew Photo Cell Sensor – Supply and install a new replacement day/night switch to existing installation (typical HPM PE 170 or similar).	Each
19	Renew Trafficable Rated Cable Pit – Excavate and remove cable pit up to 800 x 800 x 1200mm. Supply and install a new trafficable rated replacement cable pit.	Each
20	Renew Cable Pit – Excavate and remove cable pit up to 800 x 800 x 1200mm. Supply and install a new replacement cable pit.	Each
21	Testing and Tagging – Testing of leads, tools, machinery and appliances, supply and attach appropriate colour coded test tag. Record details in approved report format.	Each
22	Test Operation and Repair – Check operation and/or trace out fault to reported defective electrical devices or circuits. Repair fault as required. Include 1 hour of labour. Can only be charged once per works order. Add materials.	Each
23	Install 1 pole Isolator - To existing HWS or Stove.	Each
24	Install 3 pole Isolator - To existing HWS or Stove.	Each
25	Renew 35 Watt Metal Halide (MH) Lamp – Supply and install a new 35W (MH) lamp. Install in existing fitting in building or on pole up to 15m above ground level. Exclude	Each

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TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

ITEM	DESCRIPTION	Unit
	Cherry picker hire.	
26	Renew 35 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 35W (MH) lamp on same order as Item 25.	Each
27	Renew low volt globe in existing fitting, replacing 50 watt or similar.	Each
28	Renew 70 Watt Metal Halide (MH) Lamp – Supply and install a new 70W (MH) lamp. Install in existing fitting on pole up to 15m above ground level. Exclude Cherry picker hire.	Each
29	Renew 70 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 70W (MH) lamp on same order as Item 28.	Each
30	Renew 100 Watt Metal Halide (MH) Lamp – Supply and install a new 100W (MH) lamp. Install in existing fitting on pole up to 15m above ground level. Exclude Cherry picker hire.	Each
31	Renew 100 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 100W (MH) lamp on same order as Item 30.	Each
32	Renew 150 Watt Metal Halide (MH) Lamp – Supply and install a new 150W (MH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
33	Renew 150 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 150W (MH) lamp on same order as Item 32.	Each
34	Renew 250 Watt Metal Halide (MH) Lamp – Supply and install a new 250W (MH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
35	Renew 250 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 250W (MH) lamp on same order as item 34.	Each
36	Renew 400 Watt Metal Halide (MH) Lamp – Supply and install a new 400W (MH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
37	Renew 400 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 400W (MH) lamp on same order as Item 36	Each
38	Renew 1000 Watt Metal Halide (MH) Lamp – Supply and install a new 1000W (MH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
39	Renew 1,000 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 1000W (MH) lamp on same order as Item 38.	Each
40	Renew 1,500 Watt Metal Halide (MH) Lamp – Supply and install a new 1500W (MH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
41	Renew 1,500 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 1500W (MH) lamp on same order as Item 40.	Each
42	Renew 2,000 Watt Metal Halide (MH) Single Ended Lamp – Supply and install a new 2000W (MH) lamp. Install in existing fitting on pole up to 50m above ground level.	Each
43	Renew 2,000 Watt Metal Halide (MH) Single Ended Lamp – Labour and materials only for each additional new 2000W (MH) lamp on same order as Item 42.	Each
44	Renew 2,000 Watt Metal Halide (MH) Double Ended Lamp – Supply and install a new 2000W (MH) lamp. Install in existing fitting on pole up to 50m above ground level. Typical lamp type Philips Long Arc MHNLA 2000w	Each
45	Renew 400 Watt Metal Halide (HPTI) Lamp – Supply and install a new 400W (MH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
46	Renew 400 Watt Metal Halide (HPTI) Lamp – Supply and install a new 400W (MH) lamp. – Labour and materials only for each additional new 1500W (MH) lamp on same order as item 45	Each
47	Renew 80 Watt Mercury Vapour (MV) Lamp – Supply and install a new 80W (MV) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
48	Renew 80 Watt Mercury Vapour (MV) Lamp – Labour and materials only for each additional new 80W (MV) lamp on same order as item 47.	Each
49	Renew 125 Watt Mercury Vapour (MV) Lamp – Supply and install a new 125W (MV) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
50	Renew 125 Watt Mercury Vapour (MV) Lamp – Labour and materials only for each additional new 125W (MV) lamp on same order as item 49.	Each
51	Renew 70 Watt High Pressure Sodium (HPS) Lamp – Supply and install a new 70W (HPS) lamp. Install in existing fitting on pole up to 15m above ground level.	Each

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

ITEM	DESCRIPTION	Unit
52	Renew 70 Watt High Pressure Sodium (HPS) Lamp – Labour and materials only for each additional new 70W (HPS) lamp on same order as item 51.	Each
53	Renew 100 or 110 Watt High Pressure Sodium (HPS) Lamp – Supply and install a new 100W or 110W (HPS) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
54	Renew 100 or 110 Watt High Pressure Sodium (HPS) Lamp – Labour and materials only for each additional new 100W or 110W (HPS) lamp on same order as item 53.	Each
55	Renew 150 Watt High Pressure Sodium (HPS) Lamp – Supply and install a new 150W (HPS) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
56	Renew 150 Watt High Pressure Sodium (HPS) Lamp – Labour and materials only for each additional new 150W (HPS) lamp on same order as item 55.	Each
57	Renew 400 Watt High Pressure Sodium (HPS) Lamp – Supply and install a new 400W (HPS) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
58	Renew 400 Watt High Pressure Sodium (HPS) Lamp – Labour and materials only for each additional new 400W (HPS) lamp on same order as item 57.	Each
59	Renew 500 Watt Tungsten Halogen (TH) Lamp – Supply and install a new 500W (TH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
60	Renew 500 Watt Tungsten Halogen (TH) Lamp – Labour and materials only for each additional new 500W (TH) lamp on same order as item 59.	Each
61	Renew 1,000 Watt Tungsten Halogen (TH) Lamp – Supply and install a new 1000W (TH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
62	Renew 1,000 Watt Tungsten Halogen (TH) Lamp – Labour and materials only for each additional new 1000W (TH) lamp on same order as item 61.	Each
63	Night Adjustment of Floodlights – Re-align and adjust as directed up to 4 floodlights located up to 15M above ground level – (After-hours).	Each
64	Day Adjustment of Floodlights – Re-align and adjust as directed up to 4 floodlights located up to 15M above ground level.	Each
65	Renew Single Pole 16 Amp 6KA MCB – Supply and install a new 16 amp 6ka single pole Miniature Circuit Breaker.	Each
66	Renew Single Pole 20 Amp 6KA MCB – Supply and install a new 20 amp 6ka single pole Miniature Circuit Breaker.	Each
67	Renew Single Pole 32 Amp 6KA MCB – Supply and install a new 32amp 6ka single pole Miniature Circuit Breaker.	Each
68	Renew Three Pole 10 Amp 6KA MCB – Supply and install a new 10 amp 6ka three pole Miniature Circuit Breaker.	Each
69	Renew Three Pole 16 Amp 6KA MCB – Supply and install a new 16 amp 6ka three pole Miniature Circuit Breaker.	Each
70	Renew Three Pole 20 Amp 6KA MCB – Supply and install a new 20 amp 6ka three pole Miniature Circuit Breaker.	Each
71	Renew Three Pole 32 Amp 6KA MCB – Supply and install a new 32 amp 6ka three pole Miniature Circuit Breaker.	Each
72	Renew 1 Module Single Phase 10 Amp RCD/MCB – Supply and install a new RCD/MCB 1 module single phase 10 amp.	Each
73	Renew 1 Module Single Phase 16Amp RCD/MCB – Supply and install a new RCD/MCB 1 module single phase 16 amp.	Each
74	Renew 1 Module Single Phase 20 Amp RCD/MCB – Supply and install a new RCD/MCB 1 module single phase 20 amp.	Each
75	Renew 2 Module Single Phase 10 Amp RCD/MCB – Supply and install a new RCD/MCB 2 module single phase 10 amp.	Each
76	Renew 2 Module Single Phase 16Amp RCD/MCB – Supply and install a new RCD/MCB 2 module single phase 16 amp.	Each
77	Renew 2 Module Single Phase 20 Amp RCD/MCB – Supply and install a new RCD/MCB 2 module single phase 20 amp.	Each
78	Renew 10KA MCB Three Phase – Supply and install a new 10ka four pole three phase Miniature Circuit Breaker up to 40 amp.	Each
79	Replace RCD – Supply and install miniature 2 pole 30ma 20 amp combined RCD.	Each

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

ITEM	DESCRIPTION	Unit
	Typical Multi Nine or similar	
80	Replace combined RCD/ Twin GPO – Supply and install a new RCD/Twin GPO.	Each
81	Renew 9 Watt BC or ES Energy Saving Lamp. Supply and install a new 9 Watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
82	Renew 11 Watt BC or ES Energy Saving Lamp. Supply and install a new 11 Watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
83	Renew 13 Watt BC or ES Energy Saving Lamp. Supply and install a new 13 Watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
84	Renew 14 Watt BC or ES Energy Saving Lamp. Supply and install a new 14 Watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
85	Renew 18 Watt BC or ES Energy Saving Lamp. Supply and install a new 18 Watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
86	Renew 20 Watt BC or ES Energy Saving Lamp. Supply and install a new 20 Watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
87	Renew 9 Watt PL 2-Pin Energy Saving Lamp. Supply and install a new 9 Watt 2-pin compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
88	Renew 13 Watt PL 2-Pin Energy Saving Lamp. Supply and install a new 13 Watt 2-pin compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
89	Renew 18 Watt PL 2-Pin Energy Saving Lamp. Supply and install a new 18 Watt 2-pin compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
90	Renew 26 Watt PL 2-Pin Energy Saving Lamp. Supply and install a new 26 Watt 2-pin compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
91	Renew 18 Watt 4-Pin Energy Saving Lamp. Supply and install a new 18 Watt 4-pin compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
92	Renew 24 Watt 4-Pin Energy Saving Lamp. Supply and install a new 24 Watt 4-pin compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
93	Renew 36 Watt 4-Pin Energy Saving Lamp. Supply and install a new 36 Watt 4-pin compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
94	Renew 42 Watt 4-Pin Energy Saving Lamp. Supply and install a new 42 Watt 4-pin compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
95	Renew Electronic Ballast - Renew Electronic Ballast (non dimmable) up to 2 x 42w- includes all sizes under.	Each
96	Renew Low Loss Ballast - Renew iron core low loss ballast up to 36watt.	Each
97	Renew 18 Watt 4-Pin Hex Base Energy Saving Lamp. Supply and install a new 18 Watt 4-pin hex base compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
98	Renew 26 Watt 4-Pin Hex Base Energy Saving Lamp. Supply and install a new 26 Watt 4-pin hex base compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
99	Renew 32Watt 4-Pin Hex Base Energy Saving Lamp. Supply and install a new 32 Watt 4-pin hex base compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each

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ITEM	DESCRIPTION	Unit
100	Renew 42 Watt 4-Pin Hex Base Energy Saving Lamp. Supply and install a new 42 Watt 4-pin hex base compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
101	Renew 18 Watt Fluorescent Tube T8 – Supply and install a new 18 Watt Fluorescent Tube. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
102	Renew 36 Watt Fluorescent Tube T8 – Supply and install a new 36 Watt Fluorescent Tube. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
103	Renew 58 Watt Fluorescent Tube T8 – Supply and install a new 58 Watt Fluorescent Tube. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
104	Renew incandescent 60 watt globe.	Each
105	Renew 14 Watt Fluorescent Tube T5 – Supply and install a new 14 Watt Fluorescent Tube T5. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
106	Renew 28 Watt Fluorescent Tube T5 – Supply and install a new 28 Watt Fluorescent Tube. Use Philips, Osram, Sylvania or similar quality approved lamps.	Each
107	Renew 20 Watt IR Dichroic Globe – Supply and install a new 20Watt 12v globe in existing fitting, replacing 50 Watt or similar.	Each
108	Renew 35 Watt IR Dichroic Globe – Supply and install a new 35Watt 12v globe in existing fitting, replacing 50 Watt or similar.	Each
109	Renew incandescent 25-100 Watt Globe – Supply and install a new 260 volt globe in existing fitting only if Compact/Energy Saving Lamp is not compatible.	Each
110	Resecure Switch/Plate – Resecure existing light switch or power outlet.	Each
111	Renew Light Switch – Supply and install a new light switch to match existing fitting (White) (Extra cost for coloured fitting).	Each
112	Renew Weatherproof Light Switch – Supply and install a new weatherproof light switch (slide type) flush mounting.	Each
113	Renew 10 Amp Single Power Outlet – Supply and install a new 10 amp safety shuttered switched single power outlet.	Each
114	Renew 10 Amp Double Power Outlet – Supply and install a new 10 amp safety shuttered switched double power outlet.	Each
115	Renew 15 Amp Heavy Duty Power Outlet – Supply and install a new 15 amp safety shuttered switched power outlet.	Each
116	Renew 10 Amp Waterproof Power Outlet – Supply and install a new 10 amp waterproof single switched socket with safety shutters and looping terminal.	Each
117	Renew 15 Amp Heavy Duty Waterproof Power Outlet – Supply and install a new 15 amp waterproof single switched socket with safety shutters and looping terminal.	Each
118	Renew Edgelight Exit Sign – Supply and install Edge LED Exit Sign complete with required covers. Typical Legrand double sided Edgelight Exit.	Each
119	Renew Exit Sign – Supply and install quik-fit or similar LED Exit Sign complete with required covers. Typical Installed premium range (slide connect) .	Each
120	Renew Cold Cathode Exit Sign – Supply and install quik-fit or similar Cold cathode Exit Sign complete with required covers. Exit sign to be premium range (slide connect).	Each
121	Renew 10 Watt Fluorescent Lamp to existing Exit Sign – Supply and install a new 10W Lamp. Use only lamps approved by the Superintendent.	Each
122	Renew Cold Cathode Lamp to existing Exit Sign – Supply and install a new Cold Cathode Lamp. Use only lamps approved by the Superintendent.	Each
123	Renew Recessed Emergency Light.	Each
124	Renew Twin 10w Emergency Spot unit complete.	Each
125	Renew Surface Mounted Emergency Light.	Each
126	Testing of Exit Signs or Emergency Lighting – Price each (per sign or light). Allow for 90 minute on site test and completion of all testing requirements to Australian Standards. Include the supply of replacement lamps or tubes if required and documentation of test results in on-site log book.	Each
127	Renew 36 watt Emergency Pack – Supply and install a new 36 watt battery pack and inverter to existing 36 watt fluorescent fitting.	Each
128	Electrical Testing of RCD's – Testing and recording of tripping time and low level	Each

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

ITEM	DESCRIPTION	Unit
	leakage current. Price per switchboard with up to 40 RCD's.	
129	Renew Vandal Light Fitting – Supply and install a new Thorn “Casalux” or similar premium quality single 18 watt vandal light.	Each
130	Install Wire Cage – Supply and install a new purpose made wire cage over light fitting, wire mesh to be galvanised wire of 5mm diameter at 50mm centres (Arc mesh WG22GS). Secure over fitting allowing minimum 25mm clearance.	Each
131	Renew Ceiling Fan 1200mm – Supply and install a new approved type 1200mm ceiling sweep fan. Connect to existing wiring.	Each
132	Renew Ceiling Fan 1,400mm – Supply and install a new approved type 1400mm ceiling sweep fan. Connect to existing wiring.	Each
133	Remove debris, streamers from ceiling fan and adjust blades as required.	Each
134	Renew Exhaust Fan 200 mm or 250mm – Supply and install a new approved type 200mm or 250mm exhaust fan. Connect into existing aperture and wiring.	Each
135	Disconnect Hot Water System – Disconnect and make safe the wiring to H/W/S for replacement by others.	Each
136	Reconnect Hot Water System – Reconnect wiring to H/W/S replaced by others.	Each
137	Disconnect Commercial Stove/Cooktop System – Disconnect and make safe the wiring to Stove/Cooktop for replacement by others.	Each
138	Reconnect Commercial Stove/Cooktop System – Reconnect wiring to Stove/Cooktop replaced by others. Install Anti- Tilt Protection.	Each
139	Replace BBQ Element - Dismantle BBQ and install Christies Element, reassemble and test .	Each
140	Replace BBQ thermostat - Dismantle BBQ and install Christie approved Thermostat. Reassemble and test.	Each
141	Log Book / Survey – Survey building (typical Community Hall, Recreation Centre, Library, Office Building or like). Identify and document RCD's, Exit Light and Emergency Light location and circuit designation as required by Australian standards. Provide completed City of Wanneroo approved format “Multi Purpose” bound Log Book with replaceable pages to cover 5 years of testing.	Each
142	Log Book Replacement - Replace log book with 5 year testing result recording capacity. Include site maps, circuit designation and fitting details.	Each
143	On Site Meeting/Report – On site meeting with ratepayers and or Council staff by experienced, qualified electrician to provide Council with information and advice. Allow for up 1.5 hours on site and written follow up report.	Each
144	Budget, Feasibility Reports – Prepare report for Council Budgeting purposes or feasibility studies, providing options and cost estimates. May require a site visit, load calculations, etc. Allow for up to two (2) hours time expenditure.	Each
145	Cherry picker Hire up to 15 metre working height – Arrange and supply a 66kVa rated cherry picker for a minimum of 1 hour on-site attendance during normal working hours. Includes all costs for Cherry picker such as mobilisation and demobilisation and operator costs.	Each
146	Cherry picker Hire (HOURLY) up to 15 metre working height – per hour of on-site attendance in addition to item 145	Each
147	EWP Hire - Indoor Elevated Work Platform (Sizzer Lift or similar) up to 8 Hrs on site hire, include delivery cost : 8 metre Maximum.	Each
148	Form 5 Normal Hours - Form 5 completion as required by Health Department for events during Normal Hours.	Each
149	Form 5 After Hours - Form 5 completion as required by Health Department for events during After Hours.	Each
150	20A RCD/ACB – Supply and install a new 20A RCD/ACB as replacement for an existing 20A ACB - EMAIL ELQ120C-3.	Each
151	Renew 40 amp 4 pole 3phase RCD/MCB.	Each

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS
TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

SCHEDULE OF MISCELLANEOUS RATES

ITEM	DESCRIPTION	UOM
1	Scheduled labour rate of Electrician – to be included where necessary with all non-scheduled work	Per hour
2	Scheduled labour rate of Trade Assistant – to be included where necessary with all non-scheduled work	Per hour
3	After hours 'call out' rate for Electrician - to be charged for all after hours calls to 'make safe' only	Per Call
4	After hours labour rate of Electrician – to be included where work is required or programmed for after hours	Per hour
5	Scheduled labour rate of Trade Assistant – to be included where work is required or programmed for after hours	Per hour
6	Labour rate for Data Technician – ordinary hours	Per Hour
7	Labour rate for Assistant Data Technician – ordinary hours	Per Hour
8	Labour rate for Data Technician – after hours programmed work	Per Hour
9	Labour rate for Assistant Data Technician – after hours programmed work	Per Hour
10	Plant hire - cost plus percentage. Includes cherry picker and equipment for heights above 5 metres	%
11	Unscheduled material - cost plus percentage. Material used not itemised in schedule of rates	%

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS
TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

SCHEDULE OF MISCELLANEOUS RATES

ITEM	DESCRIPTION	UOM
Labour		
1	Qualified Electrician Labour Rate - Normal Working Hours. To be included with all non- scheduled work.	Per hour
2	Trades Assistant Labour Rate - Normal Working Hours. To be included with all non- scheduled work.	Per hour
3	After Hours call out for Electrician - to be charged for all after hours call outs - Make safe	Per Call
4	Data Cabling Technician Labour Rate - Normal Working Hours.	Per hour
5	Assistant Data Cabling Technician Labour Rate - Normal Working Hours.	Per hour
6	After hours labour rate of electrician - to be included where work is required or programmed for after hours.	Per Hour
7	Scheduled labour rate of trade assistant - to be included where work is required or programmed for after hours.	Per Hour
8	Data Cabling Technician - Programmed after hours work.	Per Hour
9	Hourly Labour Rate for Electrical Consultant - Reports, audits, designs. Does not include major works.	Per Hour
Unscheduled Material - Cost plus mark up percentage		
10	Cost Plus mark up on Plant and equipment Hire	%
11	Cost plus mark up Specialist Contractor Hire	%
12	Unscheduled Material - Cost plus mark up percentage.	%

SUMMARY OF TENDER SUBMISSIONS

Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (GST Exclusive)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
<p>Wanneroo Electric Pty Ltd</p> <p>All requirements have been met.</p>	Yes	<p>It demonstrated extensive experience providing similar services to the City's requirements. Five examples were provided supporting its experience and these included electrical services and maintenance for the Cities of Wanneroo and Joondalup (since 2005), Mercy College (since 1977), Active Property Maintenance (since 2012) and Image Source (since 2008). The work undertaken on each contract is for maintenance related to buildings and related infrastructure.</p>	<p>The company demonstrated a thorough understanding of the City's requirements. The response addressed the procedure for the reactive work process, programmed maintenance, after hours call out, site attendance protocol and services for data systems infrastructure. The response also included a work flow and personnel allocation flow chart.</p>	<p>It commenced in 1962 and has ten employees. The structure of the company was described and supported by the role and qualifications of seven employees. Lists of specialised equipment and after hours contacts were submitted. The company has established relationships with other electrical contractors as a source for additional resources. A copy of its occupational health and safety management plan, policy and safety statistics for past six years were supplied.</p>	<p>Wanneroo Electrics has workshops and sub-offices in Edgewater and Mullaloo. It uses other local suppliers for the majority of its supplies and most of the employees are City residents who have various local social, sporting and business involvements. In addition, its staff and families have strong ties to the Joondalup Dance Community, Martial Arts Schools and participation in Joondalup Voluntary Organisations.</p>	79.8%	\$1,824,168	1

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (GST Exclusive)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
<p>The Trustee for B&M Unit Trust t/as High Speed Electrics</p> <p>All requirements have been met.</p>	Yes	<p>High Speed Electrics demonstrated experience in providing similar services to the City's requirements. The company provided electrical maintenance services to the Cities of Perth (1975 – 2016) and Fremantle (2013 – 2015). High Speed Electrics also provided electrical maintenance services for the ornamental street lights to the City of Joondalup from 1997 to 2014.</p>	<p>The company demonstrated a good understanding of the requirements. The submission provided separate methodologies for scheduled, emergency and essential repair addressing response times, plant and equipment, temporary protection measures and the testing process.</p>	<p>It has been in operation since 1969 and has eleven employees. An organisational chart was supplied and supported by the qualifications and experience of each employee. Details of the specialised equipment, vehicles and traffic management equipment of the company were provided. The Managing Director and Head Electrician of the company were designated as after hours contacts. A safety policy and safety management plan was provided. Ability to provide additional resources and safety records were not provided.</p>	<p>It is based in Malaga. The company utilises local suppliers</p>	60.3%	\$3,279,840	2

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Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (GST Exclusive)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
<p>Michael Mark Jacob t/as MMJ Electrical</p> <p>All requirements have been met.</p>	Yes	The company did not demonstrate sufficient experience in providing similar services. Out of two service examples provided by the company, only one (electrical maintenance and new installations for Flight Centre group) is similar to the City's requirement. A date of only one contract was supplied.	The company demonstrated a good understanding of the requirements. The response addressed the main components of the work including scheduling, meetings, timing of work and safety measures with example scenarios for emergency repair and general repair.	It has been in operation since 2010 and is located in Currambine. It has four electricians, three Apprentices and one Data/Communication Technician. A generic organisational structure of the company and the experience and qualifications of all ten employees without any names were provided. A list of equipment was supplied. The ability to provide additional resources and after hours contact were not specifically addressed. The company's safety policy and the safety record of the past two years were supplied. The safety management plan of the company is available on request	The company is based in Currambine, employs local residents and uses local suppliers for business transactions. It also supports Tenacious House Men's recovery, an initiative run from a local Joondalup church.	54.4%	\$2,713,990	NA

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (GST Exclusive)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
<p>Environmental Power Solutions Pty Ltd</p> <p>All requirements have been met.</p>	Yes	<p>It demonstrated some experience in providing similar services. Four service examples were provided to demonstrate its experience and these included supply of labour, plant and materials for electrical and instrumentation installation at the Degussa Mine site for Sandfire Resources NL, electrical works for Air Services Australia to maintain the electrical facility infrastructure at Perth Airport and regional airports within WA, replacement of 48,000 electricity meters for Electrix Pty Ltd (as a sub-contractor) and service and support for Horizon Power Networks.</p>	<p>Environmental Power Solutions demonstrated an understanding of the requirements. The response addressed management and monitoring of schedule of works and management of works schedule. It also addressed its after hours and emergency call out procedure and provided a sample works roster.</p>	<p>The company has been in operation since 2008 and has ten full-time staff and a number of casual employees. A generic organisational structure of the company and the experience and qualifications of four employees without any names were provided. A list of equipment was supplied. The company has the ability to provide additional resources but did not supply any after hours contacts. The company's safety policy, safety management plan and the safety records were supplied.</p>	<p>It is based in Bassendean.</p> <p>The company stated that it would use local suppliers and hire equipment from local businesses</p>	53.3%	\$1,800,602	NA

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (GST Exclusive)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
David Holden Pty Ltd trading as Holdens Electrical Contracting All requirements have been met.	Yes	The company demonstrated experience providing similar services. Five examples were provided to demonstrate its experience and these included minor electrical works, cable jointing, service locating and meter testing for Western Power (since 1998), smoke detector and air conditioner maintenance for Defence Housing Australia (since 2012), electrical maintenance services in commercial and domestic installations for Perth Management Services (since 2006), Jones Lang LaSalle (2012 – 2016) and Colliers International (since 2014).	The company did not demonstrate an understanding of the requirements. It supplied a brief service delivery plan and did not address the different types of services required for this contract.	Holdens Electrical has been in operation since 1994 in Maddington with ten employees. A generic organisational chart of the company and qualifications only of all ten staff were supplied. The company is resourced and has the ability to provide additional resources but did not provide after hours contact for emergency requirements. Copies of its safety management plan, safety policy and safety record were supplied.	The company is based in Maddington. No specific response was supplied to this criterion	40.8%	\$1,813,275	NA

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (GST Exclusive)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
Shine Rise Pty Ltd All requirements have been met.	Yes	The company did not demonstrate experience in providing similar services. It was a sub-contractor of HARMS Electrical Pty Ltd, an electrical contractor under the electrical maintenance panel of the City of Perth, and carried out electrical maintenance to the City of Perth buildings. The submission did not provide any periods and dates of the contracts.	The company demonstrated an understanding of the requirements. The methodology addressed schedule testing and maintenance, communication, emergency repairs, non-emergency repairs, response time, inspection and testing and tagging.	It has seven employees and has been in operation for an unknown period of time. The organisation chart of the company was provided supported by the experience and qualifications of all employees of the company. A brief equipment list was supplied. An after-hours number was supplied but ability to provide additional resources was not specifically addressed. Copies of its safety management plan and safety policy were supplied but safety records were not provided.	The company is based in Midvale. This criterion was not specifically addressed.	38.5%	\$5,659,724	NA

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (GST Exclusive)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
<p>Gilmore Global Pty Ltd t/as Happy Power and Lighting</p> <p>All requirements have been met.</p>	Yes	<p>Happy Power and Lighting did not demonstrate experience providing similar services to the City's requirements. The company completed street lighting and traffic signal installation for Downer Mouchel, Christmas lighting decorations for the City of Perth and was engaged as a sub-contractor for Chichester Park sports lighting project. No dates were supplied, so it was not clear how recent the work was undertaken</p>	<p>The company did not adequately demonstrate an understanding of the requirements. The submitted response was very brief and did not adequately address different work types.</p>	<p>The company has been in operation since 2008 with eight employees. The structure of the business was supplied. Information on only the Electrical Manager was supplied. No information was provided of the electricians actually undertaking the work. An equipment list was supplied. The after-hours contact was not supplied. It was stated that the company has the ability to provide additional resources, but the source was not provided. Copies of its safety management plan, safety policy and safety records were supplied.</p>	<p>The company is based in Gnangara</p> <p>The company stated that it would use local suppliers</p>	26.5%	\$2,494,188	NA

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (Excluding materials)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
SMB Electrical Services	Yes	The company did not demonstrate experience providing similar services to the City's requirements. It provided a list of completed projects and two maintenance contracts without any details. No dates were supplied, so it was not clear how recent the work was undertaken	This criterion was not addressed.	SMB Electrical Services has been in operation for the past 17 years and has 26 staff. No information was supplied on the company structure, key personnel, after hours contacts and safety	Its main office is in Wangara with a branch office in Mandurah This criterion was not addressed.	19.5%	\$2,387,268	NA
All requirements have been met.								

TENDER 027/16 PROVISION OF ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Respondent & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price (Excluding materials)	Rank
		Demonstrated experiencing providing similar services	Demonstrated understanding of the required tasks	Capacity	Social and economic effects on the local community			
Fredon (WA) Electrical Pty Limited	No	Non-compliant Not assessed						
All requirements have been met.								