

SCHEDULE OF ITEMS

Item	Description	Unit
3.4.3 SCHEDULE OF FIXED RATES OFFERED		
Fixed Rate inclusive of labour, materials and attendance to site to complete the nominated or common tasks.		
EC1	Renew BC or ES 5W-20W Energy Saving Lamp. Supply and install a new compact fluorescent lamp up to and including 20-Watt capacity. Includes all sizes from 5 Watts to 20 Watts.	Each
EC1.1	Renew BC or ES 5W-20W Energy Saving Lamp. Labour and materials for each additional new BC or ES energy saving lamp on same order as Item EC1. Includes all sizes from 5 Watts to 20 Watts.	Each
EC2	Renew PL 2-Pin 5W-26W Energy Saving Lamp. Supply and install a new PL 2-pin compact fluorescent lamp. Includes all sizes from 5 Watts to 26 Watts.	Each
EC2.1	Renew PL 2-Pin 5W-26W Energy Saving Lamp. Labour and materials for each additional new PL 2-pin energy saving lamp on same order as Item EC2. Includes all sizes from 5 Watts to 26 Watts.	Each
EC3	Renew 4-Pin 5W-42W Energy Saving Lamp. Supply and install a new 4-pin compact fluorescent lamp. Include all sizes from 5 Watts to 42 Watts.	Each
EC3.1	Renew 4-Pin 5W-42W Energy Saving Lamp. Labour and materials for each additional new 4-pin energy saving lamp on same order as Item EC3. Includes all sizes from 5 Watts to 26 Watts.	Each
EC4	Renew 4-Pin Hex Base 5W-42W Energy Saving Lamp. Supply and install a new 4-pin hex base compact fluorescent lamp. Include all sizes from 5 Watts to 42 Watts.	Each
EC4.1	Renew 4-Pin Hex Base 5W-42W Energy Saving Lamp. Labour and materials for each additional new 4-pin hex base energy saving lamp on same order as Item EC4. Includes all sizes from 5 Watts to 26 Watts.	Each
EC5	Renew T8 Fluorescent Tube 18W-58W. Supply and install a new T8 fluorescent tube. Includes all sizes from 18 Watts to 58 Watts.	Each
EC5.1	Renew T8 Fluorescent Tube 18W-58W. Labour and materials for each additional new T8 fluorescent tube on same order as Item EC5. Includes all sizes from 18 Watts to 58 Watts.	Each
EC6	Renew T5 Fluorescent Tube 13W-76W. Supply and install a new T5 fluorescent tube. Includes all sizes from 13 Watts to 76 Watts.	Each
EC6.1	Renew T5 Fluorescent Tube 13W-76W. Labour and materials for each additional new T5 fluorescent tube on same order as Item EC6. Includes all sizes from 13 Watts to 76 Watts.	Each
EC6.2	Renew 400 Watt DOUBLE ENDED Metal Halide (MH) Lamp – Supply and install a new 400W (MH) lamp. Install in existing fitting up to 15m above ground level. Exclude EWP/Cherry-picker hire.	Each
EC6.3	Renew 400 Watt DOUBLE ENDED Metal Halide (MH) Lamp – Supply and install a new 400W (MH) lamp. Install in existing fitting up to 15m above ground level. On same order as above. Exclude EWP/Cherry-picker hire.	Each
EC7	Renew IR Dichroic Globe 10W-50W. Supply and install a new IR dichroic globe. Includes all sizes from 10 Watts to 50 Watts.	Each

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Item	Description	Unit
EC7.1	Renew IR Dichroic Globe 10W-50W. Labour and materials for each additional new IR dichroic globe on same order as Item EC7. Includes all sizes from 10 Watts to 50 Watts.	Each
EC8	Renew Electronic Ballast – Supply and install new electronic ballast up to and including 2 x 42 Watt. Standard. Non Dimming, Non Dali. Includes all sizes under 2 x 42 Watt.	Each
EC8.1	Renew Electronic Ballast – Labour and materials for each additional new electronic ballast on same order as Item EC8. Includes all sizes under 2 x 42 Watt.	Each
EC9	Renew Low Loss Ballast – Supply and install new iron core low loss ballast up to and including 36 Watt. Includes all sizes up to 36 Watt.	Each
EC9.1	Renew Low Loss Ballast – Labour and materials for each additional new iron core low loss ballast on same order as Item EC9. Includes all sizes up to 36 Watt.	Each
EC10	Renew LED Downlight globe. Supply and install replacement LED downlight to existing fitting. Includes all sizes from 3 Watts to 15 Watts.	Each
EC11	Install LED Downlight fixture/fitting. Install replacement LED downlight complete fixture. Replace existing IR Dichroic fitting with LED. Allow to increase ceiling opening size to 90mm if required. Includes all sizes from 3 Watts to 15 Watts.	Each
EC11.1	Install LED Downlight. Labour and Materials for each additional new LED downlight complete fixture. Includes all sizes from 3 Watts to 15 Watts.	Each
EC12	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
EC13	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
EC14	Install 10 amp Single Power Outlet – Supply and install a new 10 amp safety shuttered switched single power outlet, connected to existing circuit. (Include allowance for 10m wiring).	Each
EC15	Install 10 amp Double Power Outlet – Supply and install a new 10 amp safety shuttered switched double power outlet, connected to existing circuit. (Include allowance for 10m wiring).	Each
EC16	Install 10 amp Double Power Outlet – Supply and install a new 10 amp 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
EC17	Install 15 amp Single Power Outlet – Supply and install a new 15 amp 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
EC17.1	Replace Data Outlet. Replace existing CAT 6 RJ45 Data outlet. Clipsal 40 series or similar approved.	Each
EC17.2	Enumerate Dali Driver/Device. Programme and assign pre-installed new device to existing Philips Dynalite System. To be completed by accredited Dynalite technician. Works to be completed outside normal hours, to minimise disruption to staff and operations. Price per device.	Each

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Item	Description	Unit
EC18	Install Cat 6e single data outlet - Terminate both ends and test as required: allow up to 50m of cable.	Each
EC19	Install Cat 6e single data outlet - Terminate both ends and test as required: allow up to 100m of cable.	Each
EC20	Install Cat 6e double data outlet - Terminate both ends and test as required: allow up to 50m of cable.	Each
EC21	Install Cat 6e double data outlet - Terminate both ends and test as required: allow up to 100m of cable.	Each
EC22	Install intellisensor LED batten- Supply and install Haneco VISTA40W12-TRI-SS or similar approved by the City	Each
EC23	Install intellisensor Weather Proof LED batten – Supply and install Haneco TRIPROOF40W12-TRI-SS or similar approved by the City.	Each
EC24	Install intellisensor LED bulkhead - Supply and install Enlighten Chameleon Security light, Enlighten D-CHAMC-CB or similar approved by the City.	Each
EC25	Renew 80 amp Single Phase Main Switch – Supply and install a new single phase 80 amp main switch to switchboard.	Each
EC26	Renew 55 amp Three Phase Main Switch – Supply and install a new three phase 55 amp main switch to switchboard.	Each
EC27	Renew Three Phase 100 Amp Main Switch. Supply and install a new three phase, 3 module 100amp main switch to switchboard.	Each
EC28	Renew Single Pole 10 amp 6kA MCB – Supply and install a new 10 amp 6kA single pole Miniature Circuit Breaker.	Each
EC29	Adjust Time clock – Reset time clock. Attend site during normal hours (non-emergency callout) and adjust/reset timeclock as directed.	Each
EC30	Renew Time Clock. Supply and install a new replacement digital (battery backed) time clock to existing installation (typical Schneider Acti9 or similar).	Each
EC31	Install Flood light controller - Supply and install Hunter 4 station Controller. Enter program as required	Each
EC32	Install Flood light controller - Supply and install Hunter 6 station Controller. Enter Program as required.	Each
EC33	Renew Photo Cell Sensor – Supply and install a new replacement day/night switch to existing installation (typical HPM PE 170 or similar).	Each
EC34	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
EC35	Renew Cable Pit – Excavate and remove cable pit up to 800 x 800 x 800mm. Supply and install a new PVC cable pit with galvanised lid.	Each
EC36	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
EC37	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
EC38	Install 1 pole Isolator - To existing HWS or Stove.	Each

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Item	Description	Unit
EC39	Install 3 pole Isolator - To existing HWS or Stove.	Each
EC40	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 cherry picker hire.	Each
EC40.1	Renew 35 Watt Metal Halide (MH) Lamp - Labour and materials only for each additional new 35W (MH) lamp on same order as above.	Each
EC41	Renew low volt globe in existing fitting, replacing 50 Watt or similar.	Each
EC42	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
EC42.1	Renew 70 Watt Metal Halide (MH) Lamp - Labour and materials only for each additional new 70W (MH) lamp on same order as above.	Each
EC43	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
EC43.1	Renew 100 Watt Metal Halide (MH) Lamp - Labour and materials only for each additional new 100W (MH) lamp on same order as above.	Each
EC44	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
EC44.1	Renew 150 Watt Metal Halide (MH) Lamp - Labour and materials only for each additional new 150W (MH) lamp on same order as above.	Each
EC45	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
EC45.1	Renew 250 Watt Metal Halide (MH) Lamp - Labour and materials only for each additional new 250W (MH) lamp on same order as above.	Each
EC46	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
EC46.1	Renew 400 Watt Metal Halide (MH) Lamp - Labour and materials only for each additional new 400W (MH) lamp on same order as above.	Each
EC47	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
EC47.1	Renew 1,000 Watt Metal Halide (MH) Lamp - Labour and materials only for each additional new 1000W (MH) lamp on same order as above.	Each
EC48	Renew 1500 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
EC48.1	Renew 1,500 Watt Metal Halide (MH) Lamp – Labour and materials only for each additional new 1500W (MH) lamp on same order as above.	Each
EC49	Renew 2000 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
EC49.1	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 above.	Each

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Item	Description	Unit
EC50	Renew 2000 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
EC51	Renew 400 Watt Metal Halide Double Ended Lamp – Supply and install a new 400W (MH) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
EC51.1	Renew 400 Watt Metal Halide Double Ended Lamp – Supply and install a new 400W (MH) lamp – Labour and materials only for each additional new lamp on same order as item EC51.	Each
EC52	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
EC52.1	Renew 80 Watt Mercury Vapour (MV) Lamp - Labour and materials only for each additional new 80W (MV) lamp on same order as above. Exclude EWP/Cherry-picker hire.	Each
EC53	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
EC53.1	Renew 125 Watt Mercury Vapour (MV) Lamp - Labour and materials only for each additional new 125W (MV) lamp on same order as above. Exclude EWP/Cherry-picker hire.	Each
EC54	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
EC54.1	Renew 70 Watt High Pressure Sodium (HPS) Lamp - Labour and materials only for each additional new 70W (HPS) lamp on same order as above. Exclude EWP/Cherry-picker hire.	Each
EC55	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
EC55.1	Renew 150 Watt High Pressure Sodium (HPS) Lamp - Labour and materials only for each additional new 150W (HPS) lamp on same order as above. Exclude EWP/Cherry-picker hire.	Each
EC56	Renew 250 Watt High Pressure Sodium (HPS) Lamp – Supply and install a new 250W (HPS) lamp. Install in existing fitting on pole up to 15m above ground level.	Each
EC56.1	Renew 250 Watt High Pressure Sodium (HPS) Lamp – Labour and materials only for each additional new 250W (HPS) lamp on same order as item EC56.	Each
EC57	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
EC57.1	Renew 400 Watt High Pressure Sodium (HPS) Lamp - Labour and materials only for each additional new 400W (HPS) lamp on same order as above. Excludes EWP/Cherry-picker hire.	Each
EC60	Renew Defective Ignitor – up to 400W	Each
EC61	Renew Defective Ignitor – 450W to 2000W	Each
EC64	Renew Single Pole 16 amp 6kA MCB – Supply and install a new 16 amp 6kA single pole Miniature Circuit Breaker.	Each
EC65	Renew Single Pole 20 amp 6kA MCB – Supply and install a new 20 amp 6kA single pole Miniature Circuit Breaker.	Each
EC66	Renew Single Pole 32 amp 6kA MCB – Supply and install a new 32 amp 6kA single pole Miniature Circuit Breaker.	Each

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Item	Description	Unit
EC67	Renew Three Pole 10 amp 6kA MCB – Supply and install a new 10 amp 6kA three pole Miniature Circuit Breaker.	Each
EC68	Renew Three Pole 16 amp 6kA MCB – Supply and install a new 16 amp 6kA three pole Miniature Circuit Breaker.	Each
EC69	Renew Three Pole 20 amp 6kA MCB – Supply and install a new 20 amp 6kA three pole Miniature Circuit Breaker.	Each
EC70	Renew Three Pole 32 amp 6kA MCB – Supply and install a new 32 amp 6kA three pole Miniature Circuit Breaker.	Each
EC71	Renew 1 Module Single Phase 10 amp RCD/MCB – Supply and install a new RCD/MCB 1 module single phase 10 amp.	Each
EC72	Renew 1 Module Single Phase 16 amp RCD/MCB – Supply and install a new RCD/MCB 1 module single phase 16 amp.	Each
EC73	Renew 1 Module Single Phase 20 amp RCD/MCB – Supply and install a new RCD/MCB 1 module single phase 20 amp.	Each
EC74	Renew 2 Module Single Phase 10 amp RCD/MCB – Supply and install a new RCD/MCB 2 module single phase 10 amp.	Each
EC75	Renew 2 Module Single Phase 16 amp RCD/MCB – Supply and install a new RCD/MCB 2 module single phase 16 amp.	Each
EC76	Renew 2 Module Single Phase 20 amp RCD/MCB – Supply and install a new RCD/MCB 2 module single phase 20 amp.	Each
EC77	Renew 10KA MCB Three Phase. Supply and install a new 10ka 3 module three-phase Miniature Circuit Breaker up to 40amp. Includes all sizes from 10Amp to 40Amp.	Each
EC78	Replace RCD – Supply and install miniature 2 pole 30mA 20 amp combined RCD. Typical Multi Nine or similar.	Each
EC79	Replace combined RCD/ Twin GPO – Supply and install a new RCD/Twin GPO.	Each
EC80	20 amp RCD/ACB – Supply and install a new 20 amp RCD/ACB as replacement for an existing 20 amp ACB - EMAIL ELQ120C-3.	Each
EC81	Resecure Switch/Plate – Resecure existing light switch or power outlet.	Each
EC82	Renew Light Switch – Supply and install a new single gang light switch to match existing fitting (White, Black or as required)	Each
EC83	Renew Weatherproof Light Switch – Supply and install a new weatherproof light switch (slide type) flush mounting.	Each
EC84	Renew 10 amp Single Power Outlet – Supply and install a new 10 amp safety shuttered switched single power outlet.	Each
EC85	Renew 10 amp Double Power Outlet – Supply and install a new 10 amp safety shuttered switched double power outlet.	Each
EC86	Renew 15 amp Heavy Duty Power Outlet – Supply and install a new 15 amp safety shuttered switched power outlet.	Each
EC87	Renew 10 amp Waterproof Power Outlet – Supply and install a new 10 amp waterproof single switched socket with safety shutters and looping terminal.	Each
EC88	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

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Item	Description	Unit
EC89	Renew Edgelight Exit Sign – Supply and install Edge LED Exit Sign complete with required covers. Typical Legrand double sided Edgelight Exit.	Each
EC90	Renew Exit Sign – Supply and install quick-fit or similar LED Exit Sign complete with required covers. Typical Installed premium range (slide connect).	Each
EC91	Renew 10 Watt Fluorescent Lamp to existing Exit Sign – Supply and install a new 10W Lamp. Use only lamps approved by the Superintendent.	Each
EC92	Renew Recessed Emergency Light.	Each
EC93	Renew Twin LED Heavy Duty Emergency Spot unit complete.	Each
EC94	Renew Surface Mounted Emergency Light.	Each
EC95	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. Record details in log book. Submit report for noting failed units. All occupied buildings (majority) to be tested before/after hours, weekends if necessary as not to inconvenience staff or public. Co-ordinate with the Principal / Lessee as required for suitable times.	Each
EC96	Renew 28/36 Watt Emergency Pack – Supply and install a new 28/36 Watt battery pack and inverter to existing 28/36 Watt fluorescent fitting.	Each
EC97	RCD Testing Buildings – Test and record RCD operation as per AS requirements. Visually check overall, remove escutcheon with power off if required. Photograph and report any signs of undue wear. All tests completed with qualified electrical tradesman present. Record all results in log book. Price per switchboard with up to 40 RCD's.	Each
EC98	Annual Solar Inspection - Inspection According to AS5033:2014 Maintenance Schedule Table C1 - One Year Inspection, C1 Safety & C2 Periodic Maintenance. Provide a full written report on all aspects of the inspection/service findings including any shading of array areas by vegetation. Per System / Invertor.	Each
EC99	Solar Panel Clean - Clean the energy absorbing surfaces of photovoltaic array panels to be clear of dust, debris and fungus. Clean all debris from around and under the array and its support structure. Per Panel.	Each
EC100	Thermographic Imaging- Infrared scan and electronic records of Photovoltaic arrays to assist in identifying any defects. Records are to identify each array and its precise location. Per System / Invertor.	Each
EC101	Renew Vandal Light Fitting – Supply and install a new Clipsal Tough Light or similar premium quality 12 Watt LED vandal light.	Each
EC103	Renew Ceiling Fan 1200mm – Supply and install a new approved type 1200mm ceiling sweep fan. Connect to existing wiring.	Each
EC104	Renew Ceiling Fan 1400mm – Supply and install a new approved type 1400mm ceiling sweep fan. Connect to existing wiring.	Each
EC105	Remove debris, streamers from ceiling fan and adjust blades as required.	Each
EC106	Renew Exhaust Fan 200mm or 250mm – Supply and install a new approved type 200mm or 250mm exhaust fan. Connect into existing aperture and wiring.	Each
EC107	Disconnect Hot Water System – Disconnect and make safe the wiring to H/W/S for replacement by others.	Each

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Item	Description	Unit
EC108	Reconnect Hot Water System – Reconnect wiring to H/W/S replaced by others.	Each
EC109	Disconnect Commercial Stove/Cooktop System – Disconnect and make safe the wiring to Stove/Cooktop for replacement by others.	Each
EC110	Reconnect Commercial Stove/Cooktop System - Reconnect wiring to Stove/Cooktop replaced by others. Install Anti- Tilt Protection.	Each
EC111	Replace BBQ Element - Dismantle BBQ and install Christies Element, reassemble and test.	Each
EC112	Replace BBQ thermostat - Dismantle BBQ and install Christie approved Thermostat. Reassemble and test.	Each
EC113	Log Book/Survey – Survey building (typical Community Hall, Recreation Centre, Library, Office Building or the like). Identify and document RCD's, Exit Light and Emergency Light location and circuit designation as required by Australian standards. Provide completed City of Joondalup approved format "Multi-Purpose" bound Log Book with replaceable pages to cover 5 years of testing.	Each
EC114	Log Book Replacement - Replace log book with 5 year testing result recording capacity. Include site maps, circuit designation and fitting details.	Each
EC115	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
EC116	Budget, Feasibility Reports – Prepare report for Council Budgeting purposes or feasibility studies, providing options and cost estimates. May require a site visit, load calculations, and the like. Allow for up to two (2) hours time expenditure.	Each
EC117	Form 5 Normal Hours - Form 5 completion as required by Health Department for events during Normal Hours.	Each
EC118	Form 5 After Hours - Form 5 completion as required by Health Department for events during After Hours.	Each
EC119	Supply and install data logger for 48hrs	Each
EC120	Cost Plus mark-up on Plant and Equipment Hire	%
EC121	Cost plus mark-up Specialist Contractor Hire	%
EC122	Unscheduled Material - Cost plus mark-up percentage.	%
EC123	Cost Plus mark-up on EWP/ Cherry Picker Hire	%
EC124	Pole Light Maintenance 4 metre. Thoroughly clean existing light fitting or lens mounted on pole up to 4m AGL., include visual inspection of light fittings and pole top electrical connections. Confirm integrity (repair if required) of pole earthing connections at base of pole via inspection plate or junction box when present. Inspect foundation bolts and tighten if required. All tests completed with qualified electrical tradesman present. Photo images of any areas of concern to be included in report. Record: pole type, manufacturer, height, number. Price per pole.	Each
EC125	Pole Light Maintenance 15 meter. Thoroughly clean existing light fitting or lens mounted on pole up to 4.1 – 15mm AGL., include visual inspection of light fittings and pole top electrical connections. Confirm integrity (repair if required) of pole earthing connections at base of pole via inspection plate or junction box when present. Inspect foundation bolts and tighten if required. All tests completed with qualified electrical tradesman present. Photo images of any areas of concern to be included in report. Price per pole.	Each

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Item	Description	Unit
EC126	EWP. Total hire cost per 10 poles (when associated with above).	Each
EC127	Switchboard Integrity Testing 5yr–Free Standing SMSB, Distribution boards. Visually check overall, remove escutcheon with power off if required. Confirm condition of all earthing connections and electrode. Photograph and report any signs of undue wear. Lubricate hinges and lock. Ensure all circuit labels are present. IR test associated lighting circuits. Provide detailed report. All tests completed with qualified electrical tradesman present. Price per switch board.	Each
EC128	RCD Testing Parks – Test and record RCD operation as per AS requirements. Visually check overall, remove escutcheon with power off if required. Photograph and report any signs of undue wear. All tests completed with qualified electrical tradesman present. Record all results in log book. Price per switchboard with up to 40 RCDs.	Each
EC129	Instal Telecell lighting control. Wire, mount and connect Council supplied internal telecell to existing cabinet. Decommission and disconnect from existing control system. Replace 24v contactor with 230v. Reconnect existing lighting circuits. Allow to pick up telecell from Council offices.	Each
EC130	Renew Existing Oyster Fitting. Remove existing fitting and install Haneco LED 15-25w Puro Gen 2 or similar approved.	Each
EC131	Renew T-bar Troffer Light. Remove existing fitting install premium range 1200mm x 300mm LED Troffer Panel Light. Pierlite Eco LED Gen2 or similar approved.	Each
EC132	Renew LED Batten Light. Remove existing fitting install premium range 1200mm LED diffused light. Haneco Vista or similar approved.	Each
EC133	Renew LED Weatherproof Light. Remove existing fitting install premium range 1200mm LED diffused light. Haneco Triproof or similar approved.	Each
EC134	Renew LED Weatherproof Bulkhead Light. Remove existing fitting install premium range LED diffused weatherproof light. Thorn Lara 13w or similar approved.	Each
EC135	Renew BC or ES 5w-20w LED Lamp. Supply and install a new LED lamp up to and including 20 Watt capacity. Includes all sizes from 5 Watts to 20 Watts.	Each
EC136	Renew BC or ES 5w-20w LED Lamp. Labour and materials for each additional new BC or ES LED lamp on same order as above. Includes all sizes from 5 Watts to 20 Watts.	Each
EC137	Rust Incurion Report DB - Condition Report on Direct Bury Poles 1m - 40m or other structures. Excavate around base of pole, remove any previous rust proofing, provide clean test points, complete thickness testing (4 points tubular pole, 8 points octagonal pole). Provide comprehensive report with risk rating, include visual inspection of light fittings and pole top electrical connections. Confirm integrity (repair if required) of pole earthing connections at base of pole via inspection plate or Junction box, when present. Photo images of any areas of concern to be included in report. Price per pole.	Each
EC138	Rust Incurion Report BM - Condition Report on Base Mount Poles 1m - 40m or other structures. Clear around base of pole, remove any previous rust proofing, provide clean test points, complete thickness testing (4 points tubular pole, 8 points octagonal pole). Provide comprehensive report with risk rating. Confirm integrity (repair if required) of pole earthing connections at base of pole via inspection plate or Junction box, when present. Inspect foundation bolts and tighten if required. All tests completed with qualified electrical tradesman present. Photo images of any areas of concern to be included in report. All tests completed with qualified electrical tradesman present. Price per pole.	Each

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Item	Description	Unit
EC139	Rust Protection DB - Direct Bury Pole. Clean surfaces, treat any rust with convertor and apply water proof epoxy coating to extend from concrete foundation (typical 300mm deep) to 200mm AGL. Allow to dry and back fill. Remove and replace pole guards if required. Price per pole.	Each
EC140	Rust Protection BM - Base Mount Pole. Clean surfaces, treat any rust with convertor and apply water proof epoxy coating to cover foundation bolts, base plate and 200mm up from base plate. Price per pole.	Each
EC141	Renew 250 Watt High Pressure Sodium (HPS) Lamp – Supply and install a new 250W (HPS) lamp. Install in existing fitting up to 15m above ground level. Exclude EWP / Cherry-picker	Each
EC142	Renew 250 Watt High Pressure Sodium (HPS) Lamp – Labour and materials only for each additional lamp on same order as above. Exclude EWP / Cherry-picker	Each
EC143	Renew 10KA RCD Three Phase. Supply and install a new 10ka 3 module three-phase MCB/RCD up to 40amp. Includes all sizes from 10Amp to 40Amp.	Each
EC144	Renew 3 pin Heavy Duty Waterproof Power Outlet - Supply and install a new 3 pin waterproof industrial combination outlet. All sizes up to 32amp. Clipsal 56 series or similar approved.	Each
EC145	Renew 4 pin Heavy Duty Waterproof Power Outlet – Supply and install a new 4 pin waterproof industrial combination outlet. All sizes up to 32amp. Clipsal 56 series or similar approved.	Each
EC146	Renew 5 pin Heavy Duty Waterproof Power Outlet – Supply and install a new 5 pin waterproof industrial combination outlet. All sizes up to 32amp. Clipsal 56 series or similar approved.	Each
EC147	Earth Maintenance Buildings - Inspect Earth Electrode and Water Bond connection. All tests completed with qualified electrical tradesman present. Forward Photo proof on ROC. Price per switchboard.	Each
EC148	Replace BBQ 2Pole contactor - Remove existing and install replacement: Hager 2 pole 40a 240vac enclosed contactor code esc240 or similar. Exclude EWP/Cherry-picker hire.	Each
EC149	Replace BBQ 4Pole contactor - Remove existing and install replacement: Hager 4 pole 40a 240vac enclosed contactor code esc440 or similar. Exclude EWP/Cherry-picker hire.	Each

TENDER 030/22 ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Item	Description
3.4.4 SCHEDULE OF LABOUR RATES	
Fixed Rate exclusive of materials and cannot be added to scheduled items specified in Clause 3.4.3 or as add on attendance fees.	
1. Hourly Rate for Electrical Tradesperson	
EC150	Normal Hours
EC151	After Hours
EC152	Saturday
EC153	Sunday
EC154	Public Holiday
EC155	Maximum call out charge After hours
EC156	Maximum call out charge Saturday
EC157	Maximum call out charge Sunday
EC158	Maximum call out charge Public Holiday
	Nominate minimum hours... for each call out
2. Hourly Rate for Data Cabling Technician	
EC159	Normal Hours
EC160	After Hours
EC161	Saturday
EC162	Sunday
EC163	Public Holiday
EC164	Maximum call out charge After hours
EC165	Maximum call out charge Saturday
EC166	Maximum call out charge Sunday
EC167	Maximum call out charge Public Holiday
	Nominate minimum hours... for each call out
3. Hourly Rate for Accredited Solar Technician	
EC168	Normal Hours
EC169	After Hours
EC170	Saturday
EC171	Sunday
EC172	Public Holiday
EC173	Maximum call out charge After hours
EC174	Maximum call out charge Saturday
EC175	Maximum call out charge Sunday
EC176	Maximum call out charge Public Holiday
	Nominate minimum hours... for each call out
4. Mark up for Outsourced Materials and Labour	
EC177	Mark Up for Outsourced Materials
EC178	Mark Up for Outsourced Labour

TENDER 030/22 ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Item	Description
5. Hourly Rate for Apprentice 1st year	
EC179	Normal working hours 7.00am to 3.30pm
EC180	After hours 3.31pm to 6.59am
EC181	After hours call out (nominate minimum hours ...)
EC182	Saturday
EC183	Sunday
EC184	Public holiday
6. Hourly Rate for Apprentice 2nd year	
EC185	Normal working hours 7.00am to 3.30pm
EC186	After hours 3.31pm to 6.59am
EC187	After hours call out (nominate minimum hours ...)
EC188	Saturday
EC189	Sunday
EC190	Public holiday
7. Hourly Rate for Apprentice 3th year	
EC191	Normal working hours 7.00am to 3.30pm
EC192	After hours 3.31pm to 6.59am
EC193	After hours call out (nominate minimum hours ...)
EC194	Saturday
EC195	Sunday
EC196	Public holiday
8. Hourly Rate for Apprentice 4th year	
EC197	Normal working hours 7.00am to 3.30pm
EC198	After hours 3.31pm to 6.59am
EC199	After hours call out (nominate minimum hours ...)
EC200	Saturday
EC201	Sunday
EC202	Public holiday

SUMMARY OF SUBMISSIONS

ATTACHMENT 2

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Total Comparative Price	Rank
		Demonstrated Understanding of the Required Tasks	Demonstrated Experience in Providing Similar Services	Capacity	Social and economic effects on the local community			
Wanneroo Electric Pty Ltd as trustee for Wanneroo Electrics Unit Trust All requirements have been met.	Yes	It demonstrated a thorough understanding and appreciation of the City's requirements. Its Submission included the proposed methodology and approach in carrying out the various tasks required to complete the services, from receiving the work order and response to rectification, communication and invoicing. It indicated, as the incumbent and previous holder of this contract it has serviced all aspects of City's requirements and therefore has existing procedures in place or proven method of complying with all requirements of requested works. A specific work flow and personnel allocation chart was supplied.	It has extensive experience providing similar services to local governments as it has been providing electrical services to the Cities of Wanneroo (2001 to current) and Joondalup (2005 to current) for many years. It services and maintains both Cities' administration centres, sports halls, sporting complexes, aquatic centres, community halls, sports field floodlighting, park lighting, BBQs, tennis courts, netball and basketball stadiums, data wiring infrastructure and photo voltaic systems.	It was established in 1962. It currently has 12 staff including four working directors and three apprentices. Its structure of business and details of key personnel including their roles, length of service and years of industry experience were provided. Details of specialised plant and equipment that will be used to carry out the services were supplied. Its Submission included afterhours contacts (phone number provided) for emergency requirements and indicated it has arrangements with several other electrical contractors and electrical contracting companies able to supply additional personnel.	Its office is located in Clarkson and it has workshops and smaller sub offices in Ocean Reef, Mullaloo, Wangara, Wanneroo and Mariginiup. It indicated it utilises local suppliers within the City for goods and services. An extensive list of local suppliers and services it regularly use was supplied. Half of its staff members reside in the City. It has sponsored and or played for Kingsley Football, Edgewater Football, Edgewater Netball, Ocean Reef Football and Ocean Reef Tennis clubs.	85.8%	\$3,586,802 (3 years) \$6,218,520 (5 years) optional	1

TENDER 030/22 ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Total Comparative Price	Rank
		Demonstrated Understanding of the Required Tasks	Demonstrated Experience in Providing Similar Services	Capacity	Social and economic effects on the local community			
MMJ Electrical Pty Ltd All requirements have been met.	Yes	It demonstrated a good understanding of the required tasks. It submitted a detailed response and approach in undertaking the works including an outline of the required tasks and proposed timeframes to provide the services. However, the panel noted the working hours proposed were not in accordance with the City's standard hours though the company indicated its standard hours can be altered and work can be carried on outside of these hours at the City's request. Also, it referenced the use of 'Ascora' application for maintenance and works scheduling when it is specified the Contractor will be required to use the City's application "ROC" which is a contractor works tool providing live progress and reporting capability.	It has been delivering commercial electrical services across a broad range of industries. Examples included new installations and electrical upgrades for Built Form Capital (since 2019 and ongoing), electrical works on new construction projects for Hickey Constructions (2019 and ongoing), electrical services – maintenance and repairs for Aon Investments (2021 ongoing) and electrical consultation, maintenance and installations for Funday Entertainment Group (2012 ongoing). It is noted these were mainly for private organisations and on a smaller scale to the City's requirements.	It has been operating since 2010. It currently has 19 full-time employees. An organisational structure and details of key personnel including their qualifications, years of industry experience and training relevant to the scope of work were provided. Details of specialised equipment and a list of other standard equipment that will be used were supplied. It stated many of its employees live in the City's boundary and are available to provide emergency services when required. It will provide an updated on-call register at the contract start-up meeting.	It is located in Wangara. It indicated the company utilises MM Electrical Joondalup and Mylec Joondalup for goods and services. Three of its tradesmen reside within the City. It is actively involved in local sporting clubs including the Whitfords Junior Football and Kinross Netball clubs.	59.8%	\$4,202,919 (3 years) \$7,254,977 (5 years) optional	2

TENDER 030/22 ELECTRICAL SERVICES AND NEW ELECTRICAL INSTALLATIONS TO THE VALUE OF \$50,000 EXCLUDING STREET LIGHTING

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Total Comparative Price	Rank
		Demonstrated Understanding of the Required Tasks	Demonstrated Experience in Providing Similar Services	Capacity	Social and economic effects on the local community			
<p>Bara Electrical Pty Ltd</p> <p>All requirements have been met.</p>	Yes	<p>It demonstrated an understanding of the required tasks. Its Submission included the company's work flow procedures or job request flow chart for normal hours and after hours services. However, the panel noted the company submitted a general methodology and approach proposed was not specific to the City or a local government requirement.</p>	<p>It did not fully demonstrate experience providing similar services to local governments. Examples of works included mainly services undertaken for private organisations including Aldi Supermarkets in WA (shutdown, refurbishment, upgrade of checkout facilities within all stores - August 2022 to July 2024), Serco Australia (reactive and preventative maintenance on Serco's Acacia Prison contract - 2021 ongoing) and Spotless – Myers contract (preventative and reactive maintenance for all Myers stores across WA). Two other examples of works were for plumbing services for the Cities of Armadale and Melville.</p>	<p>It was formed six years ago under the On Tap Services Group (comprising Bara Electrical and On Tap Plumbing). It currently has 35 full-time employees. An organisation structure and details of key personnel including their qualifications, roles and experience were provided. It has 23 service vehicles out on the road, however, details of specialised equipment that will be used were not supplied. The ability to provide additional personnel was not fully addressed though it stated the company has two technicians on-call 24/7 for emergency works and these are backed up by a supervising manager.</p>	<p>It is located in Wangara.</p> <p>It indicated the company utilises local suppliers for electrical supplies including Bunnings Joondalup, MM Electrical Supplies and Beacon Lighting. It has seven employees residing in the City.</p>	49.6%	<p>\$4,163,210 (3 years)</p> <p>\$7,184,047 (5 years) optional</p>	3