

TENDER 041-03/04

APPENDIX 3

SUPPLY ELECTRICAL MAINTENANCE SERVICES

SCHEDULE OF RATES

SCHEDULE 1

PARKS

The schedule of rates is inclusive of labour, materials, travel, equipment and all other expenses unless noted otherwise. Where there is no after-hours rate is quoted it will be deemed to be same for all hours.

Item No	Description	Unit	Price per unit Excluding GST
R1	Renew RCD GPO - Supply and install Double GPO with integral RCD to match existing	ea	129.00
R2	Renew 15amp Power outlet - Supply and install new 15amp Single GPO	ea	21.00
R3	Adjust Time Clock - Reset Time switch.	ea	18.00
R4	Renew Single Phase Main Switch - Supply and install one Single Phase 80amp switch to Switchboard	ea	32.00
R5	Renew Three Phase Main Switch 55 amp - Supply and install one three phase 55amp switch to Switchboard	ea	68.00
R6	Renew Three Phase Main Switch 100amp - Supply and install one three phase 100amp main switch	ea	208.00
R7	Renew Fuse Block 240v - Supply and install new 10 to 35amp 240v Fuse complete	ea	24.00
R8	Renew Fuse Block 440v - Supply and install new 10 to 35amp 440v Fuse complete	ea	29.00
R9	Replace Cable Pit - Excavate and remove cable pit up to 800x800x1200mm. Supply and install replacement cable pit. Install 100mmx100mm concrete collar around perimeter.	ea	454.00
R10	Renew 1500w Metal Halide Lamp - Supply and install 1500w (MH) lamp in existing fitting on pole approx 12m above ground level. Exclude cherry picker hire	ea	158.00
R11	Renew 1000w Metal Halide Lamp - Supply and install 1000w (MH) lamp in existing fitting on pole approx 12m above ground level. Exclude cherry picker hire	ea	130.00
R12	Renew 250w Metal Halide Lamp - Supply and install 250w (MH) lamp in existing fitting on pole approx 12m above ground level. Exclude cherry picker hire	ea	102.00
R13	Renew 70w High Pressure Sodium Lamp- supply and install lamp in existing fitting approx. 8m above ground level. Exclude cherry picker hire	ea	99.00
R14	Renew 150w High Pressure Sodium Lamp- supply and install lamp in existing fitting approx. 12m above ground level. Exclude cherry picker hire	ea	194.00
R14b	Renew 2nd 150w High Pressure Sodium Lamp- Supply and install lamp in existing fitting approx. 12m above ground level. same site and work order as R14. Exclude cherry picker hire	ea	150.00
R15	Renew 400w High Pressure Sodium Lamp- supply and install lamp in existing fitting approx. 12m above ground level. Exclude Cherry Picker hire	ea	110.00
R16	Renew 100w Metal Halide Lamp - Supply and install 100w (MH) lamp in existing fitting on pole approx 12m above ground level. Exclude cherry picker hire	ea	99.00
R17	Renew 1500w Tungsten Halogen Lamp - Supply and install 1500w Tungsten lamp in existing fitting on pole approx 12m above ground level. Exclude Cherry Picker Hire	ea	65.00
R18	Renew 125 watt Mercury Lamp - Supply and install 125w (MV) lamp in existing fitting on pole approx 5m above ground level. Exclude cherry picker hire	ea	21.00
R19	Test Operation and Repair. Check operation and or trace out fault in operation of reported defective electrical device or circuit. Repair as required. Includes up to 1 hours labour.	ea	39.00
R20	Renew 1000w Tungsten Halogen Lamp - Supply and install 1000w Tungsten lamp in existing fitting on pole approx 12m above ground level. Exclude cherry picker hire	ea	65.00
R21	Renew 500w Tungsten Halogen Lamp - Supply and install 500w Tungsten lamp in existing fitting on pole approx 12m above ground level. Exclude cherry picker hire	ea	45.00

Item No	Description	Unit	Price per unit Excluding GST
R22	Electrical Testing of RCD's - Test and recording Tripping Time and Low Level Leakage Current. Price per Switchboard with up to 40 RCD's.	ea	35.00
R23	Disconnect Pump - Disconnect, isolate and Tag Bore Pump, up to 50kw. Pump removal by others. Exclude Picker Hire	ea	45.00
R24	Reconnect Pump - Reconnect serviced Pump. Test direction and flush if required. Up to 50kw Pump.	ea	55.00
R25	Night Adjustment of Floodlights - Re-align and Adjust as directed up to 4 floodlights After hours. Exclude cherry picker hire	Per 4	100.00
R26	Day Adjustment of Floodlights - Re-align and Adjust as directed up to 4 floodlights. Exclude cherry picker hire	Per 4	80.00
R27	Replace MCB Single Phase - Supply and install 10ka three phase Miniature Circuit Breaker up to 32amp.	ea	50.00
R28	Replace MCB Three Phase - Supply and install 10ka three phase Miniature Circuit Breaker up to 40amp.	ea	127.00
R29	Schedule Labour Rate for Electrician to be included with all non scheduled work to floodlights, underground lines, pumps control circuitry, underpass and other various lights.	hour	29.00
R30	Schedule Labour Rate for Trade Assistant to be included with all non-scheduled work associated with Items R1 to R28 above.	hour	18.00
R31	Emergency After Hours Call Out - Call charge for Electrician After Hours. Includes up to 2 hours on site.	ea	54.00
R32	After Hours Rate for Electrician on any work in addition to Item 31 (after first 2 hours)	hour	44.00
R44	On site Meeting/ Report- On site meeting with Rate payers and or Council Staff by experienced qualified Electrician, Consultant to assist Council with information and advice. Allow up to 1.5 hrs on site and possible written follow up report.	per report	0.00 FREE SERVICE
R45	Budget , Feasibility Reports - Prepare report for Council budgeting purposes or feasibility studies, providing options and costs. May require site visit, load calculations etc. Allow 2 Hours Total	per report	0.00 FREE SERVICE

Scope of Works Specific to Parks

Price per unit
Excluding GST

1. Fault finding and maintenance to commercial irrigation pumping systems for 11kw to 50kw pumps
2. Fault finding and maintenance to irrigation control circuits and ancillary monitoring devices
3. Fault finding and maintenance to Oval and Sports lighting systems
4. Work listed but not limited to Schedule of Rates
5. Materials mark up % rate for works associated with R32 10.

1161

SCHEDULE OF RATES

SCHEDULE 1

BUILDINGS

The schedule of rates is inclusive of labour, materials, travel, equipment and all other expenses unless noted otherwise. Where there is no after-hours rate is quoted it will be deemed to be same for all hours.

Item No	Description	unit	Price per unit Excluding GST
EL1	Renew light switch. Supply and install new light switch to match existing fitting (White) (Extra cost for coloured fitting)	each	18.00
EL2	Renew light switch - weatherproof type. Supply and install new light switch (slide type) - flush mounting	each	23.00
EL3	Renew power outlet (single). Supply and install new 10 amp safety shuttered switched power outlet.	each	18.00
EL4	Renew power outlet (double). Supply and install new 10 amp safety shuttered switched power outlet.	each	22.00
EL5	Renew power outlet 15 amp Heavy Duty. Supply and install new 15 amp safety shuttered switched power outlet.	each	21.00
EL6	Renew power outlet waterproof type 10 amp. Supply and install new 10 amp waterproof single switched socket with safety shutters and looping terminal.	each	36.00
EL7	Renew power outlet waterproof type 15 amp. Supply and install new 15 amp waterproof single switched socket with safety shutters and looping terminal.	each	36.00
EL8	Adjust time clock. Reset time clock.	each	18.00
EL9	Install light point. Supply and install light point including switch to the existing circuit (light fitting to be charged as extra). (Allow 10m wiring.)	each	38.00
EL10	Install power outlet 10 amp (single). Supply and install new 10 amp safety shuttered switched power outlet, connect to existing circuit (Allow 10m wiring.)	each	46.00
EL11	Install power outlet 15 amp (single). Supply and install new 15 amp safety shuttered switched power outlet, connect back to main distribution board with separate fuse or circuit breaker. (Allow 10m wiring.)	each	75.00
EL12	Secure Switch. Re-secure light switch or power outlet.	each	18.00
EL13	Renew main switch single phase. Supply and install one single phase 80 amp switch to switchboard	each	32.00
EL14	Renew main switch 3 phase. Supply and install 3 phase 55 amp switch to switchboard.	each	52.00
EL15	Renew fuse block 10 amp. Supply and install new 10 amp fuse block and wedge to switchboard.	each	24.00

<u>Item No</u>	<u>Description</u>	<u>unit</u>	<u>Price per unit excluding GST</u>
EL16	Renew fuse block 20 amp. Supply and install new 20 amp fuse block and wedge to switchboard.	each	24-00
EL17	Renew fuse block 32 amp. Supply and install new 32 amp fuse block and wedge to switchboard.	each	24-00
EL18	Install neutral link. Supply and install 10 hole neutral link.	each	15-00
EL19	Test Operation and Repair. Check operation and or trace out fault to reported defective electrical devices or circuits. Repair fault as required. Include 1 hours labour. Can only be charged once per works order. Add material.	each	39-00
EL19a	Renew room heater element. supply and install infra-red 1500 watt room heater element complete.	each	12-00
EL19b	Renew room heater element. Supply and install infra-red 2000 watt room heater element complete.	each	16-00
EL20a	Renew 60 watt globe. Supply and install 260 v globe into existing fitting.	each	14-00
EL20b	Renew 100 watt globe. Supply and install 260 v globe into existing fitting.	each	14-00
EL21a	Install 11 watt Energy Saving Lamp. Supply and install 11 watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	each	26-00
EL21b	Install 13 watt Energy Saving Lamp. Supply and install 13 watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	each	28-00
EL21c	Install 15 watt Energy Saving Lamp. Supply and install 15 watt compact fluorescent lamp. Use Philips, Osram, Sylvania or similar quality approved lamps.	each	30-00
EL22a	Install 18 watt cool white fluorescent tube. Supply and install new tube and suitable starter. Use Philips, Osram, Sylvania or similar quality approved lamps.	each	15-00
EL22b	Install 36 watt cool white fluorescent tube. Supply and install new tube and suitable starter. Use Philips, Osram, Sylvania or similar quality approved lamps.	each	15-00
EL22c	Install 58 watt cool white fluorescent tube. Supply and install new tube and suitable starter. Use Philips, Osram, Sylvania or similar quality approved lamps.	each	20-00
E123	Replace Exit Sign. Supply and install quik fit or similar 2 x 10 watt Exit sign complete with required covers. Exit sign to be premium range.	each	156-00
EL24	Renew 1500 watt metal Halide (MH) lamp. Supply and install new 1500 watt (MH) lamp. Install in existing fitting on pole approximately 11m above ground level.	each	158-00

Item No	Description	unit	Price per unit excluding GST
EL24a	Renew 1500 watt metal Halide (MH) lamp. Labour and materials only for each additional lamp on same order as EL24	each	115-00
EL24b	Replace Recessed Emergency Light. Supply and install new Spitfire 1 x 10 watt emergency light, complete with battery pack and inverter.	EACH	132-00
EL24b	Replace Recessed Emergency Light. Supply and install new Spitfire 1 x 10 watt emergency light, complete with battery pack and inverter.	EACH	132-00
EL24c	Replace Surface Emergency Light. Supply and install new surface Spitfire 1 x 10 watt emergency light, complete with battery pack and inverter.	EACH	176-00
EL25	Renew 1000 watt Metal Halide (MH) lamp. Supply and install new 1000 watt (MH) lamp. Install in existing fitting on pole approximately 11m above ground level.	each	130-00
EL25a	Renew 1500 watt Metal Halide (MH) lamp. Labour and materials only for each additional lamp on same order as EL25.	each	115-00
EL25b	Renew 250 watt Metal Halide (MH) lamp. Supply and install new 250W (MH) lamp. Install in existing fitting on pole approximately 10m above ground level.	each	102-00
EL25c	Renew 250 watt Metal Halide (MH) lamp. Labour and materials only for each subsequent lamp on same order as EL25b	each	85-00
EL25d	Renew 100 watt Metal Halide (MH) lamp. Supply and install new 250W (MH) lamp. Install in existing fitting on pole approximately 4m above ground level.	each	85-00
EL25e	Renew 100 watt Metal Halide (MH) lamp. Labour and materials only for each additional lamp on same order as EL25d	each	70-00
EL25f	Replace Surface Emergency Light. Supply and install new surface Spitfire 1 x 10 watt emergency light, complete with battery pack and inverter.	EACH.	176-00
EL26	Renew 1500 watt Tungsten Halogen lamp. Supply and install new 1500 watt (TH) lamp. Install in existing fitting on pole approximately 11m above ground level.	each	62-00
EL26a	Replace 36 watt Emergency Pack. Supply and install new 36 watt battery pack and inverter to existing 36 watt fluorescent fitting.	EACH.	190-00
EL27	Renew 150 watt High Pressure Sodium Lamp. Re-lamp 150 watt (HPS) fitting on 11m high pole with 4.5m outreach arm.	each	195-00
EL27a	Replace RCD. Supply and install miniature 2 pole 30ma 20 amp combined RCD. Typical Multi Nine or similar.	EACH	95-00
EL28	Renew 500 watt Tungsten Halogen Lamp. Supply and install new 500 watt (TH) lamp. Install in existing fitting on pole approximately 11m above ground level.	each	50-00.

Item No	Description	unit	Price per unit Excluding GST
EL28a	Renew 500 watt Tungsten Halogen lamp. Labour and materials only for each additional lamp on same order as EL28.	each.	37.00
EL29	Renew vandal light fitting. Supply and install new Thorn "Casalux" or similar premium quality single 18 watt vandal light.	each	92.00
EL30	Install wire cage. Supply and install purpose made wire cage over light fitting, wire mesh to be galvanised wire of 5mm dia at 50mm centres (Arc mesh WG22GS). Secure over fitting allowing minimum 25mm clearance.	each	75.00
EL31	Renew ceiling fan 1400mm. supply and install new approved type 1400mm ceiling fan. Connect to existing wiring.	each	110.00
EL32	Renew exhaust fan 250mm. Supply and install new approved type 250mm exhaust fan. connect into existing aperture and wiring.	each	58.00
EL33	Renew Appliance Cord Set. Supply and install new heavy duty 15 amp appliance cord set complete. Where necessary connect direct to appliance (max 2m).	each	18.00
EL34	Renew Electra Instantaneous hot water unit. Supply and install Electra Instantaneous (exchange) tank/element unit to manufacturer's specification.	each	165.00
EL35	Install reticulation control unit. City of Joondalup to supply control unit - Contractor to install.	each	25.00
EL35a	Log Book and Survey. Survey building (typical Community Hall, Recreation Centre, Library, Office Building or like). Identify and document RCD's, Exit and Emergency Light location and circuit designation as required by Australian standards. Provide completed City of Joondalup format "Multi Purpose" bound Log Book with replaceable pages to cover 5 years of testing.	each.	150.00
EL36	Angular adjustment of pole mounted fittings. Re-focus Floodlight on 11m pole with 4.5 Outreach arm.	each	40.00
EL36	Log Book holder. Supply and install on site - Approved type heavy duty acrylic log book holder to suit.		25.00
EL37	Re-align light pole. Re-align and re-grout (if necessary) base mounted pole.	each	35.00
EL38	63A RCD Protection. Supply, install and connect a 63A RCD protection N/A device (30mA) into an existing switchboard to protect a general power chassis. Include to cut and modify escutcheon. (Assume space is available on the board and no rearrangement of existing equipment is required). - EMAIL Q380CN - STZ complete with RCD trip ELDO34	each	210.00.
EL39	100A RCD Protection. Supply, install and connect a 100A RCD protection N/A device (30mA) into an existing switchboard to protect a general power chassis. Include to cut and modify escutcheon. (Assume space is available on the board and no rearrangement of existing equipment is required). EMAIL Q 3100CN - STZ complete with RCD trip ELDO34	each	235.00.

Item No	Description	unit	Price per unit Excluding GST
EL40	20A RCD/ACB. Supply and install a 20A RCD/ACB as replacement for an existing 20 A ACB - EMAIL ELQ120C-3.	each	135-00
EL41	Testing and tagging. Testing of leads and appliances, attach appropriate test tag.	each	11-00
EL42	Electrical testing of RCDs. Testing and recording tripping time and low level leakage current. Price per switchboard with up to 40 RCDs.	each	35-00
EL43	Testing of exit signs emergency lighting. Allow for 90 minute on site test, complete all testing requirements to Australian Standards include the supply of replacement lamps or tubes if required. Document results in on site log book.	each	18-00
EL44	On site Meeting/Report. On site meeting with ratepayers and or Council staff by experienced, senior qualified electrician, consultant to assist and provide Council with information and advice. Allow for up to 1.5 hours on site and possible written follow up report.	each	0-00 FREE SERVICE
EL45	Budget, Feasibility Reports. Prepare report for Council Budgeting purposes or feasibility studies, providing options and costs. May require site visit, load calculations, etc. Allow 2 hours total	each.	0-00 FREE SERVICE
EL100	Schedule Labour rate for Electrician – to be included where necessary with all non scheduled work.	Hour	29-00
EL101	Labour rate for a Trade Assistant. To be included where necessary with all non scheduled work.	hour	18-00
EL102	"After Hours" labour rate for electrician to be charged for all after hours calls to "make safe only".	hour	54-00
EL103	Labour Rate - Neutral Faults. Labour rate for all skilled and unskilled labour required to investigate and rectify any neutral faults that may become evident when an RCD is fitted (material extra and to be specified).	hour	22-00
EL104	Labour Rate - Board Modification. Labour rate for all skilled and unskilled labour required to carry out modification to existing boards if equipment has to be re-arranged to provide space for fitting off an RCD.	hour	22-00.

Dated this: 16TH day of JUNE 2004.

Signature of authorised signatory: [Signature]

Name of person, firm or company tendering: WANNOROO ELECTRIC

****Tenders that do not provide a dollar figure where requested may be deemed to be non-conforming and therefore be rejected.**