






# Information & Communication Technology (ICT) Equipment

Asset Management Plan

**2019 to 2029**

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## 1. EXECUTIVE SUMMARY

### Context

The fundamental purpose of this Information Communication Technology Equipment Asset Management Plan (ICT Equipment AM Plan) is to improve Council's long-term strategic management of its ICT assets in order to cater for the community's desired levels of service in the future, in accordance with Council's key strategic documents and demonstrate reasonable management in the context of Council's available financial and human resources.

The ICT Equipment AM Plan achieves this by setting standards, service levels and programmes which Council will develop and deliver. The standards and service levels have been set in accordance with user needs, regulations, industry practice and legislative codes of practice.

### What does the plan Cover?

The ICT Equipment asset portfolio comprises:

- Computers and Devices
- IT Infrastructure
- IT Applications and Software
- Other IT Equipment
- Communication Equipment

These ICT assets are recorded at historic cost and are valued at their purchase price of \$754,674 as at 30<sup>th</sup> June 2018.

It should be noted that items with a replacement value of less than \$3,000 (with the exception of computers and devices) are considered to be low value assets and therefore their value is not included in the financial sections of this plan.

### What doesn't the plan Cover?

All ICT assets associated with Mount Gambier Airport and Mount Gambier & District Saleyards.

Assets associated with these services are included within the respective Master Plans.

### What does it Cost?

There are two key indicators of cost to provide the ICT asset portfolio:

- The life cycle cost being the average cost over the life cycle of the asset; and
- The total maintenance and capital renewal expenditure required to deliver existing service levels in the next 10 years covered by Council's long term financial plan.

The total operations, maintenance and capital renewal expenditure required to sustain the ICT asset base over the next ten years at current service levels is estimated at \$3,355,835. This is an average of \$335,584 per annum. Council's planned lifecycle expenditure for year one of this AM Plan is \$317,722.

### What we will do

Council plans to provide services for the operation, maintenance, renewal and upgrade of all assets as outlined in Section 2.2 to meet service levels set by Council within annual budget.

### Managing the Risks

There are risks associated with providing the service and not being able to complete all identified activities and projects. We have identified major risks as:

- Poor efficiency due to ageing equipment
- Increased downtime if maintenance and renewal is not adequate
- Obsolete equipment

We will endeavour to manage these risks within available funding by:

- Providing recommended servicing
- Optimising the replacement program
- Monitoring costs of equipment

## 2. INTRODUCTION

### 2.1 Background

This asset management plan (AM Plan) has been developed to support Council's Strategic AM Plan and communicates the actions required for the responsive management of assets (and services provided from assets), compliance with regulatory requirements, and funding needed to provide the required levels of service over a 20-year planning period.

Much of Council's core asset management information is detailed within the Strategic AM Plan and it is therefore important that this document be read in conjunction with that Plan along with other Council key planning documents including:

- Strategic Management Plan
- Long Term Financial Plan
- Annual Business Plan
- Asset Management Policy
- Asset Accounting Policy
- Risk Management Framework

### 2.2 Assets Covered by this Plan

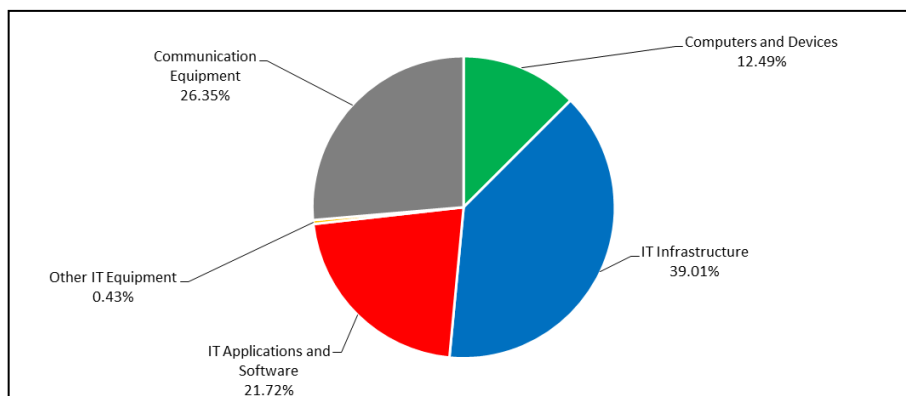
The ICT assets covered by this AM Plan are shown in table below.

Note: All values throughout this AM Plan are shown in current (real) dollars.

*Assets covered by this Plan (by asset category) as at 30<sup>th</sup> June 2018*

Asset Category	Quantity	Replacement Value
Computers and Devices	155	\$94,292
IT Infrastructure	52	\$294,382
IT Applications and Software	23	\$163,895
Other IT Equipment	5	\$3,230
Communication Equipment	91	\$198,876
<b>TOTAL</b>	<b>326</b>	<b>\$754,674</b>

*Current Replacement Value by Asset Category*



### **3. LEVELS OF SERVICE**

#### **3.1 Community Levels of Service**

Community levels of services are not required for ICT assets.

#### **3.2 Technical Levels of Service**

Technical levels of services are not required for ICT assets.

#### **3.3 Maintenance Response Levels of Service**

Maintenance programs are normally focused on design specifications or user expectations. The maintenance requirements include reactive and scheduled activities:

- Reactive maintenance is defined as unplanned repair work which is carried out in response to service requests and management/supervisory directions.
- Scheduled maintenance is the regular ongoing work that is necessary to keep assets operating. These activities include inspection, assessing the condition against failure/breakdown standards, prioritising, scheduling, actioning the work and reporting what was done to develop a maintenance history and improve maintenance and service delivery performance.

## 4. FUTURE DEMAND

### 4.1 Demand Drivers and Impact of Services

Demand Factor	Present Position	Projection	Impact on Services
Population and Demographics *	8,203 (based on 2016 Census data) 63.3% increase in people aged 65 years and over from 2011 to 2016.	Steady increase of 0.9% per annum, with the increase expected to occur mainly in the older demographic 65+.	No impact.
Technology	Community is provided with both manual and electronic interaction methods.  Hardware and software is meeting requirements.	Increased expectation for provision of multiple customer service channels and improved customer experience.  Available technology is continually improving and becoming more accessible.	Increased investment for provision of multiple customer service channels and improved customer experience.  Increased investment for provision of technology advances (ie. Cloud based software).

\* Current population and demographical information can be found in the Strategic AM Plan.

### 4.2 Changes in Technology Forecast to Affect Delivery of Services

Technology Change	Affect on Service Delivery
Technology in the area of ICT is constantly changing and advancing. The affect that these changes have on delivery of services is monitored on an ongoing basis.	

### 4.3 Demand Management Plan

Demand Driver	Impact on Services	Demand Management Plan
Technology	Increased investment for provision of multiple customer service channels and improved customer experience.	Need to maintain multiple customer service channels, and increasingly respond to demand for online services.
	Increased investment for provision of technology advances (ie. Cloud based software).	Continually monitor available technology to identify new systems to assist in meeting the needs of Council.

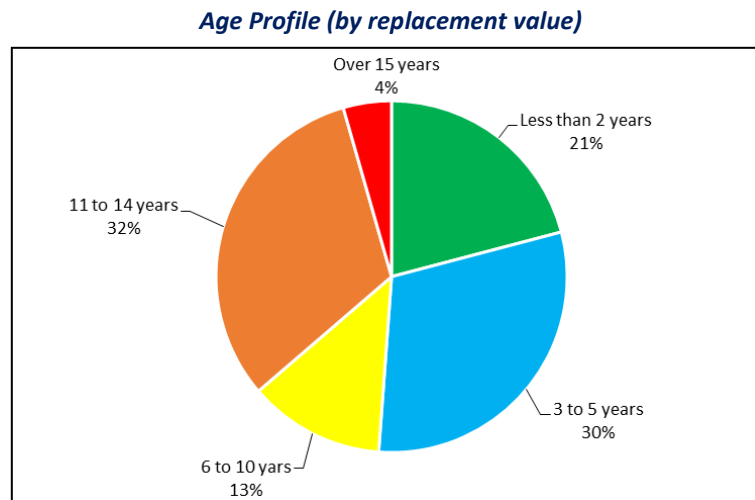
### 4.4 New Assets for Growth

There are no significant additional ICT assets proposed during the period of the long term financial plan or asset management plan.



## 5. LIFECYCLE MANAGEMENT PLAN

### 5.1 Asset Age Profile



### 5.2 Asset Capacity and Performance

Location	Service Deficiency
No service deficiencies identified.	

The above service deficiencies were identified from consultation from key stakeholders.

### 5.3 Asset Condition

ICT assets are depreciated using an age based straight line method and as such there is no requirement to regularly assess the condition for revaluation purposes.

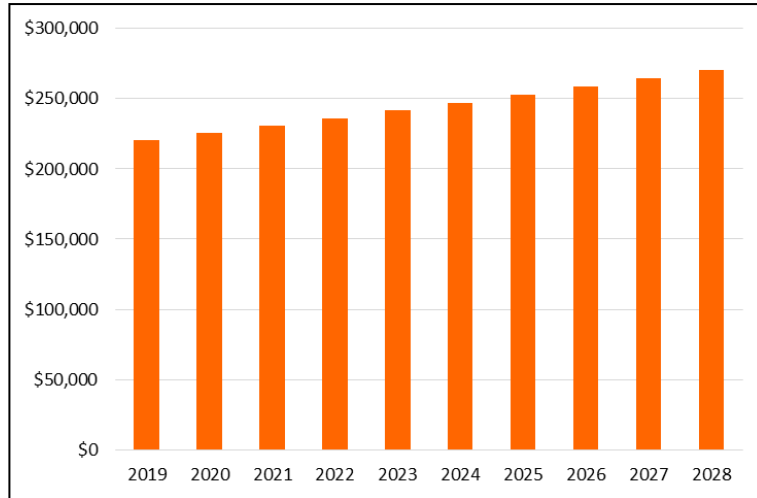
### 5.4 Operations and Maintenance

#### 5.4.1 Operations and Maintenance Expenditure Trends

Year	Operations and Maintenance \$
2018 Actual	\$148,339
2019 Budget	\$220,575
2020 Estimate	\$225,648

5.4.2 Future Operations and Maintenance

**Operations and Maintenance Expenditure**



5.5 Renewal Plan

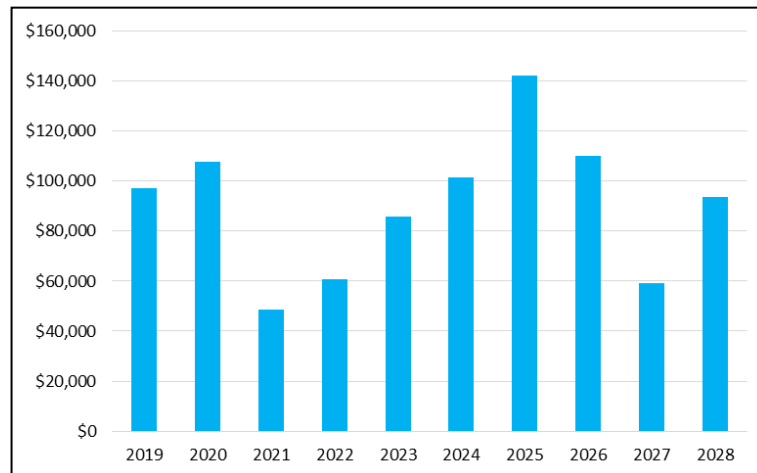
5.5.1 Ranking Criteria

Majority of assets within this category are included in Council’s ICT replacement program, which is developed based on the useful lives of the assets. Only a small number of minor assets are excluded from the program and are to be retained until they are no longer fit for purpose.

5.5.2 Renewal expenditure

The renewal program is shown in the Appendices.

**Capital Renewal Expenditure Program**



5.6 New/Upgrade Plan

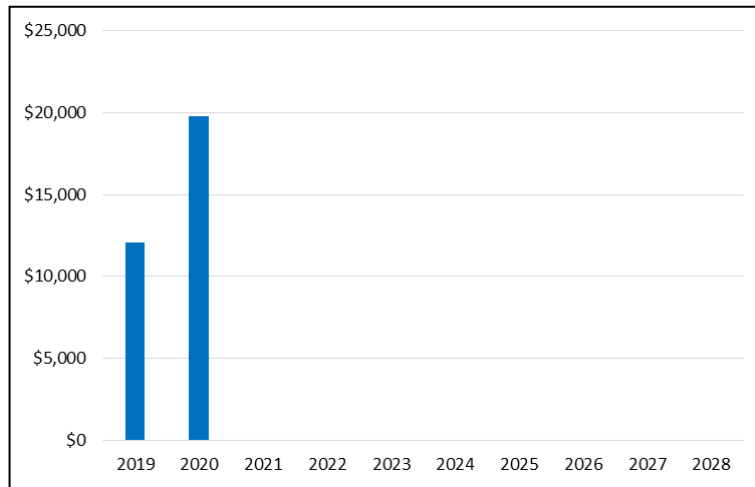
5.6.1 Ranking Criteria

Criteria	Weighting
Benefits exceed costs and availability of funding (either from Council’s ICT Replacement Program or by grants) to expand the range of plant	100%
<b>Total</b>	<b>100%</b>

5.6.2 New/Upgrade expenditure

The new/upgrade program is shown in the Appendices.

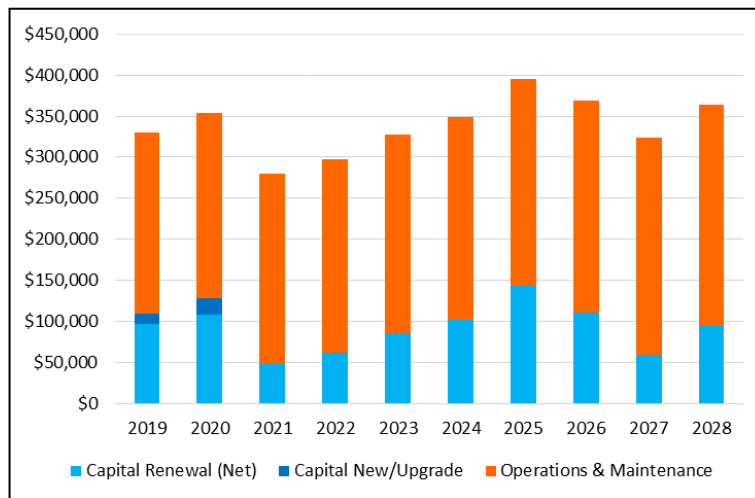
**Capital New/Upgrade Expenditure Program**



5.7 Summary of asset expenditure requirements

The financial projections from this asset plan are shown below for projected operating (operations and maintenance) and capital expenditure (renewal and new/upgrade assets).

**Asset Expenditure Requirements**



5.8 Disposal Plan

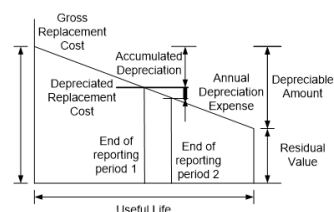
Asset	Reason for Disposal	Timing	Disposal Expenditure	Operations & Maintenance Annual Savings
No planned disposals (other than assets which are changed over like for like)	-	-	\$0	\$0

## 6. FINANCIAL SUMMARY

### 6.1 Asset valuations

The value of assets recorded in the asset register as at 30<sup>th</sup> June 2018 covered by this AM Plan are shown below. Assets are valued at original purchase cost.

Historical Cost	\$754,674
Depreciable Amount	\$754,674
Accumulated Depreciation	\$576,201
Depreciated Replacement Cost <sup>1</sup>	\$178,473
Annual Average Asset Consumption <sup>2</sup>	\$48,609



### 6.2 Sustainability

Council's sustainability reporting reports the rate of annual asset consumption and compares this to asset renewal and asset upgrade and expansion. Note that these ratios are based on year one of this AM Plan.

Asset Consumption                      6.44%  
(*Depreciation ÷ Depreciable Amount*)

Asset Sustainability Ratio              199.85%  
(*Capital renewal ÷ Annual depreciation*)

Council's applied depreciation method, estimates for asset useful lives and residual values, for the purposes of calculating depreciation, are contained in the appendices.

### 6.3 Projected expenditures for long term financial plan

Year	Operations	Maintenance	Net Projected Capital Renewal	Capital Upgrade/ New	Disposals*
2019	\$0	\$220,575	\$97,147	\$12,050	\$0
2020	\$0	\$225,648	\$107,756	\$19,800	\$0
2021	\$0	\$230,838	\$48,789	\$0	\$0
2022	\$0	\$236,147	\$60,923	\$0	\$0
2023	\$0	\$241,579	\$85,669	\$0	\$0
2024	\$0	\$247,135	\$101,625	\$0	\$0
2025	\$0	\$252,819	\$142,493	\$0	\$0
2026	\$0	\$258,634	\$109,983	\$0	\$0
2027	\$0	\$264,583	\$59,159	\$0	\$0
2028	\$0	\$270,668	\$93,667	\$0	\$0

\* Other than planned renewal of assets like for like

<sup>1</sup> Also reported as Written Down Value, Carrying or Net Book Value.

<sup>2</sup> Also reported as Annual Depreciation.

## 7. RISK MANAGEMENT

### 7.1 Critical Risks and Treatment Plans

Service at Risk	What can Happen	Risk Rating	Risk Treatment Plan
Security of Council Information	Loss, misuse, or disclosure of information assets – resulting in threats, vulnerabilities, sabotage, fraud, inaccessibility	High	Update Council Information Systems, to minimise the risk of a security breach, wherever possible updates should be automated. Continue to undertake regular high level security reviews and threat assessments. Develop a plan to support continuous improvement and promote IT security awareness amongst staff.
Security of IT network	IT network breaches, outages, unreliability, performance issues and lost productivity	High	Ensure network security assets are correctly maintained and replaced as required. Continue to undertake regular network vulnerability assessments and implement the provided recommendations where feasible. Research, assess and implement new network security technologies that can implemented to continuously improve network security.
Recovery of IT assets and Council information	Loss of essential staff access and recovery of critical IT applications and information in the event of a disaster	High	Ensure that Council's IT Disaster Recovery Plan is kept up to date, tested regularly and will meet the requirements set out in Council's Business Continuity Plan.

## 8. PLAN IMPROVEMENT AND MONITORING

### 8.1 Improvement Plan

Action	Responsibility	Timeline
<b>Completed and Ongoing Actions</b>		
Develop risk management plan.	MOD/WM	Framework Completed
Continue to improve maintenance records and data stored within Assetic.	WM/AMC	Ongoing
<b>Current Actions</b>		
No current actions.		

### 8.2 Monitoring and Review Procedures

This AM Plan will be updated biennially to ensure it represents the current service level, asset values, projected operations, maintenance, capital renewal and replacement, capital upgrade/new and asset disposal expenditures and projected expenditure values incorporated into Council's long term financial plan.

## 9. APPENDICES

Appendix A      Projected 10 year Capital Renewal Works Program

Appendix B      Projected 10 year Capital Upgrade/New Works Program

Appendix C      Asset Useful Lives and Valuation Matrices

Appendix A Projected 10 Year Capital Renewal Program

Current Asset ID	Asset Details	Allocation		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>All-in-One Computers</b>													
ITF.000831-839	OptiPlex 9010 AIO	PMCC Public Use (10) Council Chamber (1)	11	\$10,982					\$11,095				
<b>Computer Screens</b>													
Various	HP LW2245wg	Mt Gambier Office	5	\$1,500					\$1,533				
Various	HP LW2245wg	Mt Gambier Office	12		\$4,556					\$4,599			
ITF.000014 ITF.000025	HP LW2245wg	PMCC	2		\$838					\$880			
ITF.000386	HP LA2205WG	CR (D Millar)	1		\$376					\$410			
ITF.000356 ITF.000357	Benq G2420HD	TLFCS (G Button)	2		\$502					\$528			
Various	HP Compaq LA2205WG	PMCC (3) Mt Gambier Office (3)	6		\$1,687					\$1,718			
ITF.001260	Dell Ultrasharp U2713HM 27" Monitor with PremierColor	ICTC (S Dyer)	1	\$550					\$606				
ITF.001254 ITF.001154	Dell Ultrasharp U2312HM 23" Monitor with LED	ICTC (S Dyer) AT (Admin Trainee)	2		\$457					\$482			
ITF.001481	Dell Ultrasharp U2713HM 27" Monitor with LED	RTO (L McRostie)	1	\$550					\$606				
ITF.001759	Dell P2414H 23.8" Monitor	AOCS (K Reid)	1		\$256					\$283			
ITF.001707	Dell Ultrasharp U2713HM 27" Monitor with LED	AMC (S McIntosh)	1	\$538					\$595				
ITF.001908 ITF.001909	HP Z23i 23" IPS GEN2	BO (Vacant)	2			\$556					\$586		
ITF.001911 ITF.001912	Dell P2414H 23.8" Monitor	AOES (H Michell)	2			\$569					\$600		
ITF.001931 ITF.001932 ITF.001933	Dell Ultrasharp U2715H 27" Monitor	MOD (M Tucker) PO (D Telford) EHM (Vacant)	3			\$1,892					\$1,962		
ITF.002085 ITF.002086 ITF.002087 ITF.002088 ITF.002089	Dell Ultrasharp U2715H 27" Monitor	DCO (P Hawke) HRRO (F Megarrity) RCO (L Buchalka) AOCS (K Roachock) ESC (K Gilmore)	5				\$2,742					\$2,804	
ITF.002098 ITF.002100	Dell Ultrasharp U2715H 27" Monitor	ESO (J O'Hehir) CDO (J Miller)	2				\$1,134					\$1,195	
ITF.002156	Dell Ultrasharp U2715H 27" Monitor	AOCS (K Reid)	1				\$614					\$678	



Current Asset ID	Asset Details	Allocation		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
ITF.002313	Dell Ultrasharp U2715H 27" Monitor	Sit/Stand Desk	1				\$582			\$620			\$658
ITF.001632	Acer Screen	Port MacDonnell Depot											
<b>Desktop Computers</b>													
ITF.000780-817	OptiPlex 9010 SF	PMCC (6) Mt Gambier Office (32)	38	\$42,923					\$43,053				
ITF.000818	OptiPlex 9010 MT	ICTC (S Dyer)	1	\$1,077					\$1,185				
ITF.002307 ITF.002308	Wyse 3040 Thin Client	Sit/Stand Desk WTL (M Brown)	2						\$918				
<b>Laptop Computers</b>													
ITF.000823 ITF.000841 ITF.000842 ITF.000843 ITF.000844	Dell Latitude E5530	Front Counter (Enquiry) CEO (D Singe) DES (L McEvoy) AMO (J Cram) EDA (M Ryan)	5	\$5,904					\$6,036				
ITF.000825 ITF.000826 ITF.000827 ITF.001139 ITF.001207	Dell E-Port Plus Docking Station	Front Counter (Enquiry) CEO (D Singe) DES (L McEvoy) AMO (J Cram) EDA (M Ryan)	5	\$488					\$499				
ITF.001026 ITF.001027	Dell Latitude E5530	ICTC (S Dyer) Shared Use/Loan	2	\$2,874					\$3,031				
<b>Printers/Multi Function Devices</b>													
ITF.000085	HP Laserjet 4250N (WKS-HP4250) (No Planned Replacement)	Works Supervisor (Shared Use)	1										
ITF.000103	HP4250N (FIN-HP4250) (No Planned Replacement)	DCO (P Hawke)	1										
ITF.000840	HP Laserjet P2055DN	PMCC Council Counter (Rear)	1	\$650					\$713				
ITF.000408	Receipt Printer - Bixolon SRP-350 Plus II COPG/GOD	PMCC	1		\$510					\$560			
ITF.000740	Receipt Printer - Bixolon SRP-350 Plus	AOCS (K Roachock)	1		\$510					\$560			
ITF.000741	Receipt Printer - Bixolon SRP-350 Plus COPG/GOD	AOCS (K Reid)	1		\$500					\$550			
ITF.001400	Receipt Printer - Epson	PMCC	1		\$500					\$550			
ITF.000819	Canon IR 1730i (EXC-IR1730)	ESC (K Gilmore)	1		\$1,978					\$2,174			
ITF.000820	Canon IR 1730i (COM-IR1730)	Executive/Community Services (Shared Use)	1		\$1,978					\$2,174			
ITF.000821	Canon IR 1730i (WKS-IR1730)	Works (Shared Use)	1		\$1,978					\$2,174			
ITF.000822	HP Laserjet Enterprise 600 Series M602X (ENV-HPM602)	Environmental Services (Shared Use)	1		\$2,136					\$2,348			
ITF.001752	Canon IR 2520 (PUR-IR2520)	PO (S Sturges)	1		\$1,876					\$2,070			

Current Asset ID	Asset Details	Allocation		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
ITF.001749	Brother QL-720NW (WKS-QL720)	Works (Shared Use)	1		\$212					\$234			
ITF.001395	Brother QL-720NW	PMCC Front Desk	1	\$251					\$279				
ITF.001193	Brother P-Touch QL-500 (FIN-QL500)	Finance (Shared Use)	1	\$251					\$279				
ITF.001132	Brother P-Touch QL-500 (CUS-QL500)	Front Counter (Shared Use)	1	\$251					\$279				
ITF.001152	Brother P-Touch QL-500 (REC-QL500)	Records (Shared Use)	1	\$250					\$278				
ITF.001142	Brother P-Touch QL-500 (ENV-QL500)	Environmental Services (Shared Use)	1	\$250					\$278				
ITF.001757	Brother P-Touch QL-500 (EXC-QL500)	ESC (K Gilmore)	1	\$250					\$278				
ITF.001758	Brother P-Touch QL-500 (WKS-QL500)	Executive/Community Services (Shared Use)	1	\$250					\$278				
<b>Multi Function Devices - Leased</b>													
ITF.001814	Canon IR ADV C5250 (REC-IRADVCS250)	Copy Room West/Records (Shared Use)	1										
ITF.001192	Canon IR ADV C5045 (FIN-IRADVCS045)	Finance (Shared Use)	1										
ITF.001195	Canon IR ADV C5045 (CRE-IRADVCS045)	Copy Room East (Shared Use)	1										
ITF.001940	Canon IR ADV C5045 (PMCC)	PMCC	1										
<b>Tablet Computers</b>													
ITF.001937	iPad Air 2 Wi-Fi Cellular 16GB (MGGX2X/A)	CR (D Millar)	1		\$1,010			\$1,073			\$1,137		
ITF.001964	iPad Air 2 Wi-Fi Cellular 16GB (MGH72X/A)	DCEO (J Fetherstonhaugh)	1		\$813			\$864			\$916		
ITF.002097	Samsung Galaxy Tablet Wi-Fi Cellular 16GB	CWMS	1		\$631			\$671			\$712		
ITF.002103	iPad Air 2 Wi-Fi Cellular 32GB (MNVQ2X/A)	Port MacDonnell Community Complex	1		\$786			\$837			\$888		
ITF.002104	iPad Air 2 Wi-Fi Cellular 32GB (MNVQ2X/A)	MOD (M Tucker)	1		\$786			\$837			\$888		
ITF.002105	iPad Air 2 Wi-Fi Cellular 32GB (MNVQ2X/A)	HRRO (F Megarrity)	1		\$854			\$909			\$964		
ITF.002134	iPad Air 2 Wi-Fi Cellular 32GB (MP1L2X/A)	ICTC (S Dyer)	1		\$752			\$801			\$849		
ITF.002266	iPad Air Wi-Fi 32GB (MR7F2X/A)	Front Counter (DACO)	1			\$562			\$598			\$634	
ITF.002267	iPad Air 2 Wi-Fi 32GB (MR7F2X/A)	PMCC (Donated by Baytown Group)	1			\$618			\$658			\$698	
ITF.002324	iPad 9.7 (6th Gen 2018) Wi-Fi Cellular 32GB	WKS (M Little)	1	\$900			\$700		\$730			\$775	
ITF.002337	iPad 9.7 (6th Gen 2018) Wi-Fi Cellular 32GB	CEO (D Singe)	1	\$900			\$877		\$914			\$971	
ITF.002327-2336	iPad 9.7 (6th Gen 2018) Wi-Fi Cellular 32GB	Elected Members	10	\$9,000				\$6,945				\$7,008	
<b>IT Applications and Software</b>													
ITF.000845	Microsoft Office 2013 Standard (66 x Licences)	IT Room	1		\$25,739					\$28,289			

Current Asset ID	Asset Details	Allocation		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>Network Equipment</b>													
ITF.000525-526	Cisco 887M-K9 Router (Data and Voice)	PMCC	2		\$2,383					\$2,508			
ITF.002264	Watchguard XTM 330	IT Room	1			\$3,464					\$3,822		
ITF.002016-2018	Cisco 10-port Gigabit PoE Managed Switch	Works Supervisor Building Network Cabinet Training Room Network Cabinet Council Chambers Network Cabinet	3			\$1,496					\$1,551		
ITF.002008-2012	Ubiquiti Unifi Network Adaptor	Commercial Street Office (West End) Commercial Street Office (East End) Commercial Street Office (Meeting Room 3) Commercial Street Office (Training Room) Above Disaster Recover Server Rack (Depot)	5			\$1,215					\$1,243		
ITF.002141	Ubiquiti UC-CK UniFi Controller Cloud Key	Commercial Street West (Server Room)	1				\$169					\$186	
ITF.002142	Ubiquiti EdgeRouter 5 Port Power over Ethernet Router	PMCC Server Room	1				\$269					\$296	
ITF.002136-2140	Ubiquiti Unifi Network Adaptor	PMCC	5				\$951					\$973	
ITF.002261	Cisco 880 Series Integrated Services Router (Wireless NBN Internet)	Production Server Room	1					\$455					\$502
<b>Server Equipment</b>													
ITF.000552	UPS	PMCC	1	\$3,520					\$3,869				
ITF.000555-556	Network Switch - Cisco SGE2000P	PMCC	2		\$2,225					\$2,343			
ITF.000879	Microsoft Windows Server Datacenter (2 copies)	IT Room	1			\$18,234					\$20,005		
ITF.000880	Microsoft Windows Server CAL 2012 (65 copies)	IT Room	1			\$3,694					\$4,053		
ITF.000882	Microsoft Remote Desktop Services CAL 2012 (10 copies)	IT Room	1			\$1,066					\$1,169		
ITF.000881	Microsoft SQL Server Standard Edition 2012 (6 copies)	IT Room	1		\$2,409					\$2,648			
ITF.000866	Microsoft Exchange 2007 Server with 55 CAL's (1 copy)	IT Room	1		\$6,227								
ITF.000887	Aerial Imagery 2013	IT Room	1		\$27,784					\$30,536			

Current Asset ID	Asset Details	Allocation		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
ITF.000995	Eaton Powerware 3S700AU 3S 700VA/420W Standby Powerboard UPS	Network Cabinet (Works Supervisor Office)	1	\$141					\$155				
ITF.002213	Eaton Powerware 3S 700 UPS	Training Room Network Cabinet	1			\$141					\$155		
ITF.001977	Veeam Backup Essentials Enterprise for VMware	IT Room	1			\$3,719					\$4,102		
ITF.002013-2015	APC Smart-UPS X 3000VA Rack/Tower LCD 200-240V with Network Card	Production Server Room Production Server Room DR Server Room	3			\$10,380					\$10,763		
ITF.002119-2121	Dell N3048P 48 Port L3 Managed Switch (Production Server)	Production Server Room Network Cabinet	3				\$20,146					\$20,890	
ITF.002122	Dell N3024P 24 Port L3 Managed Switch (DR Server)	DR Server Room (RU29)	1				\$6,705					\$7,397	
ITF.002260	Dell PowerEdge R740 Rack Mount Server (Production Server)	IT Room	1					\$25,647					\$28,292
ITF.002259	Dell PowerEdge R740 Rack Mount Server (DR Server)	DR Server Room	1					\$29,846					\$32,924
ITF.002258	Dell PowerVault LTO-7 External Tape Backup	IT Room	1					\$16,706					\$18,429
ITF.002123	Network Switch - Cisco SRW2024	PMCC	1										
<b>Audio/Video Equipment</b>													
EP.002124	Video Conferencing Equipment	PMCC	1				\$6,087					\$6,715	
EP.002125	Video Conferencing Equipment	Mount Gambier Site	1				\$6,087					\$6,715	
EP.002342	Mipro MA303DB Portable PA	Mount Gambier Site	1	\$1,500									
EP.000253	Dell 2400MP Projector	Mount Gambier Office (Shared Use)	1	\$2,200					\$2,406				
EP.001019	Dell 4320 Projector	Mount Gambier Office (Council Chamber)	1		\$1,588					\$1,748			
<b>Fixed Telephony</b>													
EP.000558	MX250 All-In-One Phone System	PMCC	1	\$7,000					\$7,693				
EP.001792	Zultys ZIP 33i IP Telephone	Deputy CEO	1		\$213					\$235			
EP.002003-2007	Zultys ZIP 33i IP Telephone	Various	5	\$1,100		\$1,110					\$1,135		
EP.002128-2132	Zultys ZIP 33i IP Telephone	Various	5	\$1,100			\$1,115					\$1,140	
<b>Mobile Phones</b>													
EP.002279-2293	Apple iPhone 7 32GB Black MN8X2X Mobile Phone	Various	15		\$12,706		\$12,745		\$12,784		\$12,823		\$12,862
EP.002311	Nokia 3310 3G Mobile Phone	Youth on Wheels	1			\$74		\$78		\$81		\$84	

Current Asset ID	Asset Details	Allocation		2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
<b>Radio Communication Equipment</b>													
EP.001727-1741	Motorola DM4401 Mobile Radio	Various Plant	15							\$25,130			
EP.001742	MTR3000 VHF 50W Repeater	The Bluff	1							\$14,256			
EP.001743	Antennas and Multi Coupling	The Bluff	1							\$11,808			
EP.001941	DM4601 Base Radio	Mount Gambier Depot	1								\$2,005		
EP.001942-1957	Motorola DM4401 Mobile Radio	Various Plant	16								\$26,780		
EP.001958-1959	Motorola DM4601 Controller Microphone VHF Mobile Radio	Works Supervisor & Team Leader	2								\$4,215		
EP.001960-1963	Motorola DM4601 VHF Portable Radio	Mount Gambier Depot	4								\$6,662		
<b>Total</b>				<b>\$97,147</b>	<b>\$107,756</b>	<b>\$48,789</b>	<b>\$60,923</b>	<b>\$85,669</b>	<b>\$101,625</b>	<b>\$142,493</b>	<b>\$109,983</b>	<b>\$59,159</b>	<b>\$93,667</b>

## Appendix B Projected 10 year Capital Upgrade/New Works Program

Current Asset ID	Allocation	Qty	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Trial Thin Clients	CSW & PMCC	2	\$1,200									
Microsoft Server CALs		1	\$1,000									
Microsoft Desktop Services CALs		1	\$1,000									
Sharepoint Licence		1		\$7,000								
Sharepoint User CALs		1		\$2,000								
Sharepoint Configuration		1		\$10,800								
Zultys Mobile Communicator Licencing		1	\$5,000									
Wireless Network Upgrade	PMCC	1	\$1,500									
Provision for replacement Discussion Unit, Microphone & Battery	Commercial Street West	1	\$1,000									
Audio Recorder for Council Chambers	Mount Gambier	1	\$250									
iPhones	Building Officer	1	\$1,100									
<b>Total</b>			<b>\$12,050</b>	<b>\$19,800</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

## Appendix C Asset Useful Lives and Valuation Matrices

Asset Type	Asset Sub Type	Useful Life	Valuation Matrix
IT Equipment	All-In-One Computers	3	Age Based (Straight Line Method)
	Desktop Computers	3	
	Laptop Computers	3	
	Computer Screens	5	
	Network Equipment	5	
	Printers/Multi-Function Devices	5	
	Server Equipment	5	
	Software - Desktop	3	
	Software - Server	5	
	Tablets	3	
	Other IT Equipment	Individually Determined	
Communication Equipment	Fixed Telephony	5	
	Mobile Phone Handsets	2	
	Radio Communication Equipment	Individually Determined	
	Other Communication Equipment	Individually Determined	

*Note: The above useful lives and residuals are a guide only and each asset is determined individually upon purchase.*