ID-Only Regulated Provider Information Disclosure Requirements

Information Templates

for

Schedules 1-13

Regulated Provider	Enable Networks Limited
Disclosure Date	30 November 2024
Disclosure Year (year ended)	30 June 2024

Templates for Schedules 1-13
Template Version 3. Prepared April 2024

Workbook Version History

Workbook Version and Date	Determination
v1, 30 November 2021	Fibre ID Determination 2021 [2021] NZCC 24
v2, 28 July 2022	Fibre ID Amendment Determination 2022 [2022] NZCC 26
v3, 3 April 2024	Fibre ID (Non-material) Amendment Determination [2024] NZCC 4

Table of Contents

Disclosure Template Instructions

These templates have been prepared for use by ID-only regulated providers when making disclosures under clauses 2.4.1, 2.4.2, and 2.4.3 of the main body of the determination.

Company name and Dates

To prepare the templates for disclosure, the regulated provider's company name should be entered in cell C9, the date of the last day of the current disclosure year should be entered in cell C13, and the date on which the information is disclosed should be entered in cell C11 of the CoverSheet worksheet.
The cell C13 entry (current year) is used to calculate disclosure years in the column headings that show above some of the tables and in labels adjacent to some entry cells. The cell C9 entry (company name) is used in the template title blocks. Dates should be entered in day/month/year order (Example "31 December 2021").

Data Entry Cells and Calculated Cells

Data entered into this workbook may be entered only into the data entry cells inside excel table objects. Data entry cells are the bordered, shaded areas (light yellow cells) in each Schedule. Under no circumstances should data be entered into the workbook outside a data entry cell.
In some cases, where the information for disclosure is able to be ascertained from disclosures elsewhere in the workbook, such information is disclosed in a calculated cell.

Validation Settings on Data Entry Cells

To maintain a consistency of format and to help guard against errors in data entry, some data entry cells test keyboard entries for validity and accept only a limited range of values. For example, entries may be limited to a list of category names, to values between 0% and 100%, or either a numeric entry or the text entry “N/A”. Where this occurs, a validation message will appear when data is being entered. These checks are applied to keyboard entries only and not, for example, to entries made using Excel’s copy and paste facility.

Checking tables

Some schedules have associated checking tables to aid data input consistency. These are located out of the page print area where possible.

Inserting Additional Rows and Columns

The templates for some Schedules may require additional rows to be inserted in tables marked 'include additional rows if needed' or similar. When inserting rows do so from within the table and the 'Row" column should prepopulate with the row number.

Additional rows must not be inserted directly above the first row or below the last row of a table. This is to ensure that entries made in the new row are included in the totals.

Schedule References

The column labelled "Row "of each table can be used to reference individual rows of the schedule. It may be useful to refer to this row number when writing explanatory notes about a specific data point.

Description of Calculation References

Calculation cell formulas contain links to other cells within the same template or elsewhere in the workbook. Key cell references are described in a column to the right of each template. These descriptions are provided to assist data entry. Cell references refer to the row of the template.

Worksheet Completion Sequence

Calculation cells may show an incorrect value until precedent cell entries have been completed. Data entry may be assisted by completing the Schedules in the following order:

1. Coversheet
2. Schedules 2a, 3
3. Schedules 4a, 5a
4. Schedules 5,6
5. Schedule 8, 2
6. Schedule 4
7. Schedule 7
8. Schedules 1, 9
9. All remaining Schedules

SCHEDULE 1: REPORT ON ID FFLAS RETURN ON INVESTMENT (ID-ONLY REGULATED PROVIDER)

1(i): Return on Investment

Section	Row	Context	Category1	Category2	CY-2| %	CY-1| %	Current Year CY| %
1(i): Return on Investment	4		**ROI - comparable to a post tax WACC**	Reflecting all revenue earned	9.26%	9.93%	8.42%
1(i): Return on Investment	5		ROI - comparable to a post tax WACC	**Mid-point estimate of post tax WACC**	5.54%	6.66%	7.36%
1(i): Return on Investment	6		**ROI - comparable to a vanilla WACC**	Reflecting all revenue earned	9.58%	10.38%	8.94%
1(i): Return on Investment	7		ROI - comparable to a vanilla WACC	**Mid-point estimate of vanilla WACC**	5.86%	7.11%	7.87%
1(i): Return on Investment	8		ROI - comparable to a vanilla WACC	**Standard error**	1.31%	1.31%	1.31%

1(ii): Information Supporting the ROI

Section	Row	Context	Category1	Category2	$000	
1(ii): Information Supporting the ROI	13		**Opening RAB value**		641,096	
1(ii): Information Supporting the ROI	14		**Operating revenue**		113,388	from S2
1(ii): Information Supporting the ROI	15		Mid-year net cash outflows	Expenditure	26,158	from S2
1(ii): Information Supporting the ROI	16	plus	Mid-year net cash outflows	Assets commissioned	35,104	from S4
1(ii): Information Supporting the ROI	17	less	Mid-year net cash outflows	Asset disposals	-	from S4
1(ii): Information Supporting the ROI	18	plus	Mid-year net cash outflows	Tax payments	14,308	from S2
1(ii): Information Supporting the ROI	19	less	Mid-year net cash outflows	Other regulated income	523	from S2
1(ii): Information Supporting the ROI	20		**Mid-year net cash outflows**		75,047	
1(ii): Information Supporting the ROI	21		**Term credit spread differential allowance**		519	from S2
1(ii): Information Supporting the ROI	22		Closing RAB value	Total closing RAB value	660,524	from S4
1(ii): Information Supporting the ROI	23	less	Closing RAB value	Adjustment resulting from asset allocation	0	from S4
1(ii): Information Supporting the ROI	24		**Closing RAB value**		660,524	

1(ii): Information Supporting the ROI

Section	Row	Context	Category1	Category2	%	
1(ii): Information Supporting the ROI	29		**ROI - comparable to a vanilla WACC**		8.94%	from row P2
1(ii): Information Supporting the ROI	30		ROI - comparable to a post tax WACC	Leverage (%)	29.00%	
1(ii): Information Supporting the ROI	31		ROI - comparable to a post tax WACC	Cost of debt assumption (%)	6.34%	
1(ii): Information Supporting the ROI	32		ROI - comparable to a post tax WACC	Corporate tax rate (%)	28.00%	from S3
1(ii): Information Supporting the ROI	33		**ROI - comparable to a post tax WACC**		8.42%	to row 4

SCHEDULE 2: REPORT ON REGULATORY PROFIT

2(i): Regulatory Profit

Section	Row	Context	Category1	Category2	ID FFLAS| ($000)
2(i): Regulatory Profit	4		Regulatory income	Operating revenue	113,388
2(i): Regulatory Profit	5	plus	Regulatory income	Gains / (losses) on asset disposals	6
2(i): Regulatory Profit	6	plus	Regulatory income	Other regulated income (other than gains / (losses) on asset disposals)	517
2(i): Regulatory Profit	7		**Total regulatory income**		113,911
2(i): Regulatory Profit	8	less	**Expenditure**	Operating expenditure	23,631
2(i): Regulatory Profit	9	less	Expenditure	Pass - through costs	2,527
2(i): Regulatory Profit	10		**Operating surplus / (deficit)**		87,753
2(i): Regulatory Profit	11	less	Operating surplus / (deficit)	Total Depreciation	37,029
2(i): Regulatory Profit	12	plus	Operating surplus / (deficit)	Total Revaluations	21,353
2(i): Regulatory Profit	13		**Regulatory profit / (loss) before tax**		72,077
2(i): Regulatory Profit	14	less	Regulatory profit / (loss) before tax	Term credit spread differential allowance	519
2(i): Regulatory Profit	15	less	Regulatory profit / (loss) before tax	Regulatory tax allowance	14,308
2(i): Regulatory Profit	16		**Regulatory profit/(loss)**		57,250

2(ii): Pass-through Costs

Section	Row	Context	Category1	Category2	PQ FFLAS| ($000)
2(ii): Pass - through Costs	22		Pass through costs	Rates	1,964
2(ii): Pass - through Costs	23		Pass through costs	Telecommunications Act levies - sections 11,12	248
2(ii): Pass - through Costs	24		Pass through costs	Telecommunications Act levies - sections 87,88	275
2(ii): Pass - through Costs	25		Pass through costs	Dispute resolution scheme levies	40
2(ii): Pass - through Costs	26		**Pass-through costs**		2,527

2(iii): Merger and Acquisition Expenditure

Section	Row	Context	Category1	Category2	($000)
2(iii): Merger and Acquisition Expenditure	31		Merger and acquisition expenditure		

Provide commentary on the benefits of merger and acquisition expenditure to the regulated provider, including required disclosures in accordance with Schedule 14 (Mandatory Explanatory Notes)

SCHEDULE 3: REPORT ON REGULATORY TAX ALLOWANCE

3(i): Regulatory Tax Allowance

Section	Row	Context	Category1	Category2	ID FFLAS| ($000)
3(i): Regulatory Tax Allowance	4		**Regulatory profit / (loss) before tax**		72,077
3(i): Regulatory Tax Allowance	5	plus	Depreciation temporary differences	Depreciation	37,029
3(i): Regulatory Tax Allowance	6	less	Depreciation temporary differences	Tax depreciation	30,737
3(i): Regulatory Tax Allowance	7		**Depreciation temporary differences**	**Total**	6,292
3(i): Regulatory Tax Allowance	8	plus*	Permanent differences:	Income not included in regulatory profit / (loss) before tax but taxable	-
3(i): Regulatory Tax Allowance	9	plus*	Permanent differences:	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	25
3(i): Regulatory Tax Allowance	10	less*	Permanent differences:	Income included in regulatory profit / (loss) before tax but not taxable	
3(i): Regulatory Tax Allowance	11	less*	Permanent differences:	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	-
3(i): Regulatory Tax Allowance	12		**Permanent differences:**	**Total**	25
3(i): Regulatory Tax Allowance	13	less	Permanent differences:	Total revaluations	21,353
3(i): Regulatory Tax Allowance	14	plus*	Temporary differences:	Income not included in regulatory profit / (loss) before tax but taxable	4,839
3(i): Regulatory Tax Allowance	15	plus*	Temporary differences:	Expenditure or loss in regulatory profit / (loss) before tax but not deductible	1,037
3(i): Regulatory Tax Allowance	16	less*	Temporary differences:	Income included in regulatory profit / (loss) before tax but not taxable	
3(i): Regulatory Tax Allowance	17	less*	Temporary differences:	Expenditure or loss deductible but not in regulatory profit / (loss) before tax	31
3(i): Regulatory Tax Allowance	18		**Temporary differences:**	**Total**	5,845
3(i): Regulatory Tax Allowance	19	less	Temporary differences:	Notional deductible interest	11,787
3(i): Regulatory Tax Allowance	20		**Regulatory taxable income**	Regulatory taxable income	51,099
3(i): Regulatory Tax Allowance	21	less	Regulatory taxable income	Utilised tax losses	
3(i): Regulatory Tax Allowance	22		Regulatory taxable income	Regulatory net taxable income	51,099
3(i): Regulatory Tax Allowance	23		**Regulatory tax allowance**	Regulatory tax allowance	14,308

* *Workings to be provided in Schedule 14A*

3(i): Regulatory Tax Allowance

Section	Row	Context	Category1	Category2	%
3(i): Regulatory Tax Allowance	30		Regulatory taxable income	Corporate tax rate (%)	28%

3(ii): Disclosure of Permanent and Temporary Differences

In Schedule 11, Box 5 and Box 6, provide descriptions and workings of items recorded in the asterisked categories in Schedule 5a(i).

SCHEDULE 3: REPORT ON REGULATORY TAX ALLOWANCE

3(iii): Reconciliation of Tax Losses

Section	Row	Context	Category1	Category2	ID FFLAS| ($000)
3(iii): Reconciliation of Tax Losses	40		**Opening tax losses**		
3(iii): Reconciliation of Tax Losses	41	plus	Opening tax losses	Current period tax losses	
3(iii): Reconciliation of Tax Losses	42	less	Opening tax losses	Utilised tax losses	
3(iii): Reconciliation of Tax Losses	43		**Closing tax losses**		-

3(iv): Regulatory Tax Asset Base Roll-Forward

Section	Row	Context	Category1	Category2	ID FFLAS| ($000)
3(iv): Regulatory Tax Asset Base Roll-Forward	48		**Opening sum of regulatory tax asset values**		476,295
3(iv): Regulatory Tax Asset Base Roll-Forward	49	less	Opening sum of regulatory tax asset values	Tax depreciation	30,737
3(iv): Regulatory Tax Asset Base Roll-Forward	50	plus	Opening sum of regulatory tax asset values	Regulatory tax asset value of assets commissioned	39,603
3(iv): Regulatory Tax Asset Base Roll-Forward	51	less	Opening sum of regulatory tax asset values	Regulatory tax asset value of asset disposals	5
3(iv): Regulatory Tax Asset Base Roll-Forward	52	plus	Opening sum of regulatory tax asset values	Adjustment resulting from asset allocation	
3(iv): Regulatory Tax Asset Base Roll-Forward	53	plus	Opening sum of regulatory tax asset values	Other adjustments to the RAB tax value	
3(iv): Regulatory Tax Asset Base Roll-Forward	54		**Closing sum of regulatory tax asset values**		485,156

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)

Section	Row	Context	Category1	Category2	RAB| CY-4| ($000)	RAB| CY-3| ($000)	RAB| CY-2| ($000)	RAB| CY-1| ($000)	RAB| CY| ($000)	
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	4		**Total opening RAB value**				588,177	606,632	641,096	to S4, S8a, S8b
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	5	less	**Depreciation**				20,800	39,128	37,029	from row 18
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	6	plus	**Revaluations**				20,445	36,576	21,353	from row 19
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	7	plus	**Assets commissioned**				18,820	37,016	35,104	from row 23 & to S4
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	8	less	**Asset disposals**				10	-	-	from row 24 & to S4
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	9	less	**Adjustment to loss asset due to deregulation**				-	-	-	
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	10	plus	**Adjustment resulting from asset allocation**				(0)	-	0	from row 28 & to S4
4(i): ID FFLAS Regulatory Asset Base Value (Rolled Forward)	11		**Total closing RAB value**		-	-	606,632	641,096	660,524	to S4 & S8a

4(ii): Unallocated Regulatory Asset Base

Section	Row	Context	Category1	Category2	Unallocated RAB *| ($000)	RAB| ($000)	
4(ii): Unallocated Regulatory Asset Base	16		**Total opening RAB value**			641,096	from row 3
4(ii): Unallocated Regulatory Asset Base	17	less	**Depreciation**		–	37,029	from row 73
4(ii): Unallocated Regulatory Asset Base	18	plus	**Revaluations**		–	21,353	from row 51
4(ii): Unallocated Regulatory Asset Base	19	plus	Asset commissioned	Assets commissioned (other than below)		35,104	
4(ii): Unallocated Regulatory Asset Base	20	plus	Asset commissioned	Assets acquired from a regulated supplier			
4(ii): Unallocated Regulatory Asset Base	21	plus	Asset commissioned	Assets acquired from a related party			
4(ii): Unallocated Regulatory Asset Base	22	plus	**Assets commissioned**		-	35,104	to row 6
4(ii): Unallocated Regulatory Asset Base	23	less	Asset disposals	Asset disposals (other than below)		-	
4(ii): Unallocated Regulatory Asset Base	24	less	Asset disposals	Asset disposals to a regulated supplier			
4(ii): Unallocated Regulatory Asset Base	25	less	Asset disposals	Asset disposals to a related party			
4(ii): Unallocated Regulatory Asset Base	26	less	**Asset disposals**		-	-	to row 7
4(ii): Unallocated Regulatory Asset Base	27	less	**Adjustment to loss asset due to deregulation**			-	
4(ii): Unallocated Regulatory Asset Base	28	plus	**Adjustment resulting from asset allocation**			0	to row 10
4(ii): Unallocated Regulatory Asset Base	29		**Total closing RAB value**		-	660,524	from S4a

** The 'unallocated RAB' is the total value of those assets used wholly or partially to provide FFLAS services without any allowance being made for the allocation of costs to services provided by the supplier that are not FFLAS services. The RAB value represents the value of these assets after applying this cost allocation. Neither value includes works under construction.*

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

Section	Row	Context	Category1	Category2	Index	
4(iii): Calculation of Revaluation Rate and Revaluation of Asset	37		CPI_T		1,272	from SE9A Index column - CPI table (Statistics NZ Website)
4(iii): Calculation of Revaluation Rate and Revaluation of Asset	38		CPI_{T-1}		1,231	from SE9A Index column - CPI table (Statistics NZ Website)

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

Section	Row	Context	Category1	Category2	%
4(iii): Calculation of Revaluation Rate and Revaluation of Asset	43		Revaluation rate (%)		3.33%

4(iii): Calculation of Revaluation Rate and Revaluation of Assets

Section	Row	Context	Category1	Category2	Unallocated RAB *| ($000)	RAB| ($000)	
4(iii): Calculation of Revaluation Rate and Revaluation of Asset	48		Total opening RAB value		-	641,096	from row 16 (and row3)
4(iii): Calculation of Revaluation Rate and Revaluation of Asset	49		Opening value of fully depreciated and disposed assets				
4(iii): Calculation of Revaluation Rate and Revaluation of Asset	50	less	Total opening RAB value subject to revaluation		-	641,096	
4(iii): Calculation of Revaluation Rate and Revaluation of Asset	51		**Revaluations**		-	21,353	to row 18 & S3

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

4(iv): Roll Forward of Works Under Construction

Section	Row	Context	Category1	Category2	Unallocated works under construction| ($000)	Allocated works under construction| ($000)	
4(iv): Roll Forward of Works Under Construction	57		**Works under construction - preceding disclosure year**			11,263	
4(iv): Roll Forward of Works Under Construction	58	plus	Works under construction - current disclosure year	Capital expenditure		42,391	from S6
4(iv): Roll Forward of Works Under Construction	59	less	Works under construction - current disclosure year	Assets commissioned	-	35,104	from row 22
4(iv): Roll Forward of Works Under Construction	60	plus	Works under construction - current disclosure year	Adjustment resulting from asset allocation			
4(iv): Roll Forward of Works Under Construction	61		**Works under construction - current disclosure year**		-	18,550	

4(iv): Roll Forward of Works Under Construction

Section	Row	Context	Category1	Category2	%
4(iv): Roll Forward of Works Under Construction	66		Highest rate of capitalised finance applied		

4(v): Regulatory Depreciation

Section	Row	Context	Category1	Category2	Unallocated RAB *| ($000)	RAB| ($000)	
4(v): Regulatory Depreciation	71		Depreciation - GAAP			24,424	
4(v): Regulatory Depreciation	72		Depreciation - alternative method			12,605	
4(v): Regulatory Depreciation	73		**Total depreciation**		-	37,029	to row 17 & S3

4(vi): Disclosure of Changes to Depreciation Methods

Section	Row	Context	Category1| Asset category or assets with changes to depreciation*	Category2| Reason for change of method (text entry)	Depreciation charge for the period (RAB)| ($000)	Closing RAB value under 'alternative method' depreciation| ($000)	Closing RAB value under 'GAAP' depreciation| ($000)
4(vi): Disclosure of Changes to Depreciation Methods	78						
4(vi): Disclosure of Changes to Depreciation Methods	79						
4(vi): Disclosure of Changes to Depreciation Methods	80						
4(vi): Disclosure of Changes to Depreciation Methods	81						
4(vi): Disclosure of Changes to Depreciation Methods	82						
4(vi): Disclosure of Changes to Depreciation Methods	83						
4(vi): Disclosure of Changes to Depreciation Methods	84						
4(vi): Disclosure of Changes to Depreciation Methods	85						

**Include additional rows as needed*

SCHEDULE 4: REPORT ON VALUE OF THE ID FFLAS REGULATORY ASSET BASE ROLLED FORWARD

4(vii): Disclosure by Asset Category

Section	Row	Context	Category1	Category2	Opening RAB value	Less depreciation	Plus revaluations	Plus assets commissioned	Less asset disposals	Plus asset allocation adjustment	Plus asset category transfers	Total	Weighted average remaining asset life	Weighted average expected total life
4(vii): Disclosure by Asset Category	92	Layer 1 assets		Ducts and Manholes	470,473	10,722	15,670	24,507	-	-	-	499,928	41	50
4(vii): Disclosure by Asset Category	93	Layer 1 assets		Fibre Optic Cable	38,908	1,615	1,296	1,175	-	-	-	39,764	21	30
4(vii): Disclosure by Asset Category	94	Layer 1 assets		Fibre Service Leads	-	-	-	-	-	-	-	-		
4(vii): Disclosure by Asset Category	95	Layer 1 assets		Poles	-	-	-	-	-	-	-	-		
4(vii): Disclosure by Asset Category	96	Layer 1 assets		FTTN / FTTP Cabinets	23,652	1,770	788	161	-	-	-	22,831	12	20
4(vii): Disclosure by Asset Category	97	Layer 1 assets		Network Equipment	-	-	-	-	-	-	-	-		
4(vii): Disclosure by Asset Category	98	Layer 1 assets		Information Technology	592	361	20	-	-	-	-	251	-	5
4(vii): Disclosure by Asset Category	99	Layer 1 assets		Other Layer 1 assets	-	-	-	-	-	-	-	-		
4(vii): Disclosure by Asset Category	100	**Layer 1 assets**		**Total Layer 1 closing RAB value**	533,625	14,468	17,773	25,843	-	-	-	562,773		
4(vii): Disclosure by Asset Category	101	Layer 2 assets		FTTN / FTTP Cabinets	-	-	-	-	-	-	-	-		
4(vii): Disclosure by Asset Category	102	Layer 2 assets		Network Equipment	9,028	3,959	301	2,470	-	-	-	7,839	2	6
4(vii): Disclosure by Asset Category	103	Layer 2 assets		Information Technology	1,218	304	41	3,481	-	-	-	4,436	2	4
4(vii): Disclosure by Asset Category	104	Layer 2 assets		Other Layer 2 assets	-	-	-	-	-	-	-	-		
4(vii): Disclosure by Asset Category	105	**Layer 2 assets**		**Total Layer 2 closing RAB value**	10,246	4,263	341	5,951	-	-	-	12,275		
4(vii): Disclosure by Asset Category	106	Other Network Assets		Network land and buildings	10,554	177	351	15	-	-	-	10,743	40	50
4(vii): Disclosure by Asset Category	107	Other Network Assets		Other network assets	2,071	464	69	725	-	-	-	2,401	3	9
4(vii): Disclosure by Asset Category	108	**Other Network Assets**		**Total network assets**	556,495	19,372	18,535	32,534	-	-	-	588,192		
4(vii): Disclosure by Asset Category	109	Non-Network Assets		Non-network land and buildings	4,063	510	135	296	-	-	-	3,985	7	10
4(vii): Disclosure by Asset Category	110	Non-Network Assets		Non-network IT hardware/software	6,231	3,848	207	1,911	-	-	-	4,502	0	3
4(vii): Disclosure by Asset Category	111	Non-Network Assets		Other non-network assets	3,708	694	124	363	-	-	-	3,501	5	8
4(vii): Disclosure by Asset Category	112	**Non-Network Assets**		**Total non-network assets**	14,003	5,052	466	2,570	-	-	-	11,987		
4(vii): Disclosure by Asset Category	113	**Total - core fibre assets**			570,498	24,424	19,001	35,104	-	-	-	600,179		
4(vii): Disclosure by Asset Category	114	**Financial loss asset**			70,598	12,605	2,351		-			60,344	12	14
4(vii): Disclosure by Asset Category	115	**Total RAB**			641,096	37,029	21,353	35,104	-	-	-	660,524		

SCHEDULE 4a: REPORT ON ASSET ALLOCATIONS

4a(i): Regulated Service Asset Values

Section	Row	Category1	Category2	Category3	ID-FFLAS| ($000)	Non-FFLAS| ($000)	Total| ($000)
4a(i): Regulated Service Asset Values	4	NETWORK ASSETS - LAYER 1	Ducts and Manholes	Directly attributable	499,928		
4a(i): Regulated Service Asset Values	5	NETWORK ASSETS - LAYER 1	Ducts and Manholes	Not directly attributable			
4a(i): Regulated Service Asset Values	6	NETWORK ASSETS - LAYER 1	Ducts and Manholes	Total attributable to regulated service	499,928	-	-
4a(i): Regulated Service Asset Values	7	NETWORK ASSETS - LAYER 1	Fibre Optic Cable	Directly attributable	39,764		
4a(i): Regulated Service Asset Values	8	NETWORK ASSETS - LAYER 1	Fibre Optic Cable	Not directly attributable			
4a(i): Regulated Service Asset Values	9	NETWORK ASSETS - LAYER 1	Fibre Optic Cable	Total attributable to regulated service	39,764	-	-
4a(i): Regulated Service Asset Values	10	NETWORK ASSETS - LAYER 1	Fibre Service Leads	Directly attributable	-		
4a(i): Regulated Service Asset Values	11	NETWORK ASSETS - LAYER 1	Fibre Service Leads	Not directly attributable			
4a(i): Regulated Service Asset Values	12	NETWORK ASSETS - LAYER 1	Fibre Service Leads	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	13	NETWORK ASSETS - LAYER 1	Local Access Copper Cable (Poles)	Directly attributable	-		
4a(i): Regulated Service Asset Values	14	NETWORK ASSETS - LAYER 1	Local Access Copper Cable (Poles)	Not directly attributable			
4a(i): Regulated Service Asset Values	15	NETWORK ASSETS - LAYER 1	Local Access Copper Cable (Poles)	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	16	NETWORK ASSETS - LAYER 1	FTTN/FTTP Cabinets	Directly attributable	22,830.7		
4a(i): Regulated Service Asset Values	17	NETWORK ASSETS - LAYER 1	FTTN/FTTP Cabinets	Not directly attributable			
4a(i): Regulated Service Asset Values	18	NETWORK ASSETS - LAYER 1	FTTN/FTTP Cabinets	Total attributable to regulated service	22,831	-	-
4a(i): Regulated Service Asset Values	19	NETWORK ASSETS - LAYER 1	Network Equipment	Directly attributable	-		
4a(i): Regulated Service Asset Values	20	NETWORK ASSETS - LAYER 1	Network Equipment	Not directly attributable			
4a(i): Regulated Service Asset Values	21	NETWORK ASSETS - LAYER 1	Network Equipment	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	22	NETWORK ASSETS - LAYER 1	Information Technology	Directly attributable	251		
4a(i): Regulated Service Asset Values	23	NETWORK ASSETS - LAYER 1	Information Technology	Not directly attributable			
4a(i): Regulated Service Asset Values	24	NETWORK ASSETS - LAYER 1	Information Technology	Total attributable to regulated service	251	-	-
4a(i): Regulated Service Asset Values	25	NETWORK ASSETS - LAYER 1	Other Layer 1 assets	Directly attributable	-		
4a(i): Regulated Service Asset Values	26	NETWORK ASSETS - LAYER 1	Other Layer 1 assets	Not directly attributable			
4a(i): Regulated Service Asset Values	27	NETWORK ASSETS - LAYER 1	Other Layer 1 assets	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	28	NETWORK ASSETS - LAYER 2	FTTN/FTTP Cabinets	Directly attributable	-		
4a(i): Regulated Service Asset Values	29	NETWORK ASSETS - LAYER 2	FTTN/FTTP Cabinets	Not directly attributable			
4a(i): Regulated Service Asset Values	30	NETWORK ASSETS - LAYER 2	FTTN/FTTP Cabinets	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	31	NETWORK ASSETS - LAYER 2	Network Equipment	Directly attributable	7,839		
4a(i): Regulated Service Asset Values	32	NETWORK ASSETS - LAYER 2	Network Equipment	Not directly attributable			
4a(i): Regulated Service Asset Values	33	NETWORK ASSETS - LAYER 2	Network Equipment	Total attributable to regulated service	7,839	-	-
4a(i): Regulated Service Asset Values	34	NETWORK ASSETS - LAYER 2	Information Technology	Directly attributable	4,436		
4a(i): Regulated Service Asset Values	35	NETWORK ASSETS - LAYER 2	Information Technology	Not directly attributable			
4a(i): Regulated Service Asset Values	36	NETWORK ASSETS - LAYER 2	Information Technology	Total attributable to regulated service	4,436	-	-
4a(i): Regulated Service Asset Values	37	NETWORK ASSETS - LAYER 2	Other Layer 2 assets	Directly attributable	-		
4a(i): Regulated Service Asset Values	38	NETWORK ASSETS - LAYER 2	Other Layer 2 assets	Not directly attributable			
4a(i): Regulated Service Asset Values	39	NETWORK ASSETS - LAYER 2	Other Layer 2 assets	Total attributable to regulated service	-	-	-
4a(i): Regulated Service Asset Values	40	OTHER NETWORK ASSETS	Network land and buildings	Directly attributable	10,743		
4a(i): Regulated Service Asset Values	41	OTHER NETWORK ASSETS	Network land and buildings	Not directly attributable			
4a(i): Regulated Service Asset Values	42	OTHER NETWORK ASSETS	Network land and buildings	Total attributable to regulated service	10,743	-	-
4a(i): Regulated Service Asset Values	43	OTHER NETWORK ASSETS	Other network assets	Directly attributable	2,401		
4a(i): Regulated Service Asset Values	44	OTHER NETWORK ASSETS	Other network assets	Not directly attributable			
4a(i): Regulated Service Asset Values	45	OTHER NETWORK ASSETS	Other network assets	Total attributable to regulated service	2,401	-	-
4a(i): Regulated Service Asset Values	46	NON-NETWORK ASSETS	Non-network land and buildings	Directly attributable	3,985		
4a(i): Regulated Service Asset Values	47	NON-NETWORK ASSETS	Non-network land and buildings	Not directly attributable			
4a(i): Regulated Service Asset Values	48	NON-NETWORK ASSETS	Non-network land and buildings	Total attributable to regulated service	3,985	-	-
4a(i): Regulated Service Asset Values	49	NON-NETWORK ASSETS	Non-network IT hardware/software	Directly attributable	4,502		
4a(i): Regulated Service Asset Values	50	NON-NETWORK ASSETS	Non-network IT hardware/software	Not directly attributable			
4a(i): Regulated Service Asset Values	51	NON-NETWORK ASSETS	Non-network IT hardware/software	Total attributable to regulated service	4,502	-	-
4a(i): Regulated Service Asset Values	52	NON-NETWORK ASSETS	Other non-network assets	Directly attributable	3,501		
4a(i): Regulated Service Asset Values	53	NON-NETWORK ASSETS	Other non-network assets	Not directly attributable			
4a(i): Regulated Service Asset Values	54	NON-NETWORK ASSETS	Other non-network assets	Total attributable to regulated service	3,501	-	-
4a(i): Regulated Service Asset Values	55	NON-NETWORK ASSETS	**Regulated service asset value directly attributable**		600,179		
4a(i): Regulated Service Asset Values	56	NON-NETWORK ASSETS	**Regulated service asset value not directly attributable**		-	-	-
4a(i): Regulated Service Asset Values	57	NON-NETWORK ASSETS	**Financial loss asset**		60,344		60,344
4a(i): Regulated Service Asset Values	58	NON-NETWORK ASSETS	**Total closing RAB value**		660,524	-	-

to S4

SCHEDULE 4a: REPORT ON ASSET ALLOCATIONS

4a(ii): Changes in Asset Allocations*†

Section	Row	Category1	Category2	Asset category	Original allocator or line items	New allocator or line items	Rationale for change	Original allocation| CY-1| ($000)	Original allocation| Current Year (CY)| ($000)	New allocation| CY-1| ($000)	New allocation| Current Year (CY)| ($000)	Difference| CY-1| ($000)	Difference| Current Year (CY)| ($000)
4a(ii): Changes in Asset Allocations*†	63	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	64	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	65	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	66	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	67	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	68	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	69	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	70	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	71	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	72	Change in asset value allocation										-	-
4a(ii): Changes in Asset Allocations*†	73	Change in asset value allocation										-	-

** a change in asset allocation must be completed for each allocator or component change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.*

† include additional rows if needed

SCHEDULE 5: REPORT ON OPERATING EXPENDITURE FOR THE DISCLOSURE YEAR

5(i): Operating Expenditure

Section	Row	Category1	Category2	($000)
5(i): Operating Expenditure	4	Customer opex	Customer operations	
5(i): Operating Expenditure	5	Customer opex	Product, sales & marketing	
5(i): Operating Expenditure	6	Total customer opex	Level 1	4,474
5(i): Operating Expenditure	7	**Total customer opex**		-
5(i): Operating Expenditure	8	Network opex	Maintenance	
5(i): Operating Expenditure	9	Network opex	Network operations	
5(i): Operating Expenditure	10	Network opex	Network operating costs	
5(i): Operating Expenditure	11	Total network opex	Level 1	6,712
5(i): Operating Expenditure	12	**Total network opex**		-
5(i): Operating Expenditure	13	Support opex	Asset management	
5(i): Operating Expenditure	14	Support opex	Corporate opex	
5(i): Operating Expenditure	15	Support opex	Technology	
5(i): Operating Expenditure	16	**Total support opex**	Level 1	12,445
5(i): Operating Expenditure	17	**Total support opex**		-
5(i): Operating Expenditure	18	**Total**	Level 1	23,631
5(i): Operating Expenditure	19	**Total**		23,631

5(ii): Subcomponents of Operating Expenditure

Section	Row	Category1	Category2	($000)
5(ii): Subcomponents of Operating Expenditure	23	Subcomponents of operating expenditure	Research and development	
5(ii): Subcomponents of Operating Expenditure	24	Subcomponents of operating expenditure	Insurance expenditure	392

SCHEDULE 5a: REPORT ON COST ALLOCATIONS

5a(i): Operating Cost Allocations

Section	Row	Category1	Category2	Level 1| ID-FFLAS| ($000)	Level 1| Non-FFLAS| ($000)	Level 1| Total| ($000)	Level 2| ID-FFLAS| ($000)	Level 2| Non-FFLAS| ($000)	Level 2| Total| ($000)
5a(i): Operating Cost Allocations	4	Customer operations	Directly attributable				-		
5a(i): Operating Cost Allocations	5	Customer operations	Not directly attributable						-
5a(i): Operating Cost Allocations	6	Customer operations	Total attributable to regulated service				-		
5a(i): Operating Cost Allocations	7	Product, sales & marketing	Directly attributable				-		
5a(i): Operating Cost Allocations	8	Product, sales & marketing	Not directly attributable						-
5a(i): Operating Cost Allocations	9	Product, sales & marketing	Total attributable to regulated service				-		
5a(i): Operating Cost Allocations	10	Customer opex	Directly attributable	4,474			-		
5a(i): Operating Cost Allocations	11	Customer opex	Not directly attributable			-	-	-	-
5a(i): Operating Cost Allocations	12	Customer opex	Total attributable to regulated service	4,474			-		
5a(i): Operating Cost Allocations	13	Maintenance	Directly attributable				-		
5a(i): Operating Cost Allocations	14	Maintenance	Not directly attributable						-
5a(i): Operating Cost Allocations	15	Maintenance	Total attributable to regulated service				-		
5a(i): Operating Cost Allocations	16	Network operations	Directly attributable				-		
5a(i): Operating Cost Allocations	17	Network operations	Not directly attributable						-
5a(i): Operating Cost Allocations	18	Network operations	Total attributable to regulated service				-		
5a(i): Operating Cost Allocations	19	Network operating costs	Directly attributable				-		
5a(i): Operating Cost Allocations	20	Network operating costs	Not directly attributable						-
5a(i): Operating Cost Allocations	21	Network operating costs	Total attributable to regulated service				-		
5a(i): Operating Cost Allocations	22	Network opex	Directly attributable	6,712			-		
5a(i): Operating Cost Allocations	23	Network opex	Not directly attributable			-	-	-	-
5a(i): Operating Cost Allocations	24	Network opex	Total attributable to regulated service	6,712			-		
5a(i): Operating Cost Allocations	25	Asset management	Directly attributable				-		
5a(i): Operating Cost Allocations	26	Asset management	Not directly attributable						-
5a(i): Operating Cost Allocations	27	Asset management	Total attributable to regulated service				-		
5a(i): Operating Cost Allocations	28	Corporate opex	Directly attributable				-		
5a(i): Operating Cost Allocations	29	Corporate opex	Not directly attributable						-
5a(i): Operating Cost Allocations	30	Corporate opex	Total attributable to regulated service				-		
5a(i): Operating Cost Allocations	31	Technology	Directly attributable				-		
5a(i): Operating Cost Allocations	32	Technology	Not directly attributable						-
5a(i): Operating Cost Allocations	33	Technology	Total attributable to regulated service				-		
5a(i): Operating Cost Allocations	34	Support opex	Directly attributable	12,445			-		
5a(i): Operating Cost Allocations	35	Support opex	Not directly attributable			-	-	-	-
5a(i): Operating Cost Allocations	36	Support opex	Total attributable to regulated service	12,445			-		
5a(i): Operating Cost Allocations	37	**Operating costs directly attributable**		23,631			-		
5a(i): Operating Cost Allocations	38	**Operating costs not directly attributable**		-	-	-	-	-	-
5a(i): Operating Cost Allocations	39	**Operating expenditure**		23,631			-		

5a(ii): Other Cost Allocations

Section	Row	Category1	Category2	($000)
5a(ii): Other Cost Allocations	44	**Pass through costs**	Directly attributable	2,527
5a(ii): Other Cost Allocations	45	Pass through costs	Not directly attributable	
5a(ii): Other Cost Allocations	46	Pass through costs	**Total attributable to regulated service**	2,527

5a(iii): Changes in Cost Allocations*

Section	Row	Category1	Category2	Cost category	Original allocator or line items	New allocator or line items	Rationale for change	Original allocation| CY-1| ($000)	Original allocation| Current Year (CY)| ($000)	New allocation| CY-1| ($000)	New allocation| Current Year (CY)| ($000)	Difference| CY-1| ($000)	Difference| Current Year (CY)| ($000)
5a(iii): Changes in Cost Allocations*	51	Change in cost allocation 1										-	-
5a(iii): Changes in Cost Allocations*	52	Change in cost allocation 1										-	-
5a(iii): Changes in Cost Allocations*	53	Change in cost allocation 1										-	-
5a(iii): Changes in Cost Allocations*	54	Change in cost allocation 1										-	-
5a(iii): Changes in Cost Allocations*	55	Change in cost allocation 2										-	-
5a(iii): Changes in Cost Allocations*	56	Change in cost allocation 2										-	-
5a(iii): Changes in Cost Allocations*	57	Change in cost allocation 2										-	-
5a(iii): Changes in Cost Allocations*	58	Change in cost allocation 2										-	-
5a(iii): Changes in Cost Allocations*	59	Change in cost allocation 3										-	-
5a(iii): Changes in Cost Allocations*	60	Change in cost allocation 3										-	-
5a(iii): Changes in Cost Allocations*	61	Change in cost allocation 3										-	-
5a(iii): Changes in Cost Allocations*	62	Change in cost allocation 3										-	-

** a change in cost allocation must be completed for each cost allocator change that has occurred in the disclosure year. A movement in an allocator metric is not a change in allocator or component.*

† include additional rows if needed

SCHEDULE 6: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

6(i): Expenditure on Assets

Section	Row	Context	Category1	Category2	($000)
6(i): Expenditure on Assets	4		Extending the network	Augmentation	
6(i): Expenditure on Assets	5		Extending the network	New property developments	
6(i): Expenditure on Assets	6		Extending the network	UFB communal	
6(i): Expenditure on Assets	7		Extending the network	Level 1	12,081
6(i): Expenditure on Assets	8		**Extending the network**		-
6(i): Expenditure on Assets	9		Installations	Complex installations	
6(i): Expenditure on Assets	10		Installations	Standard installations	
6(i): Expenditure on Assets	11		Installations	Level 1	20,555
6(i): Expenditure on Assets	12		**Installations**		-
6(i): Expenditure on Assets	13		Network capacity	Access	
6(i): Expenditure on Assets	14		Network capacity	Aggregation	
6(i): Expenditure on Assets	15		Network capacity	Transport	
6(i): Expenditure on Assets	16		Network capacity	Level 1	9,204
6(i): Expenditure on Assets	17		**Network capacity**		-
6(i): Expenditure on Assets	18		Network sustain & enhance	Field Sustain	
6(i): Expenditure on Assets	19		Network sustain & enhance	Relocations	
6(i): Expenditure on Assets	20		Network sustain & enhance	Resilience	
6(i): Expenditure on Assets	21		Network sustain & enhance	Site Sustain	
6(i): Expenditure on Assets	22		Network sustain & enhance	Level 1	803
6(i): Expenditure on Assets	23		**Network sustain & enhance**		-
6(i): Expenditure on Assets	24		Network & customer IT		
6(i): Expenditure on Assets	25		Network & customer IT	Level 1	3,659
6(i): Expenditure on Assets	26		**Expenditure on network assets**		46,302
6(i): Expenditure on Assets	27		Non-network IT	Business IT	
6(i): Expenditure on Assets	28		Non-network IT	Corporate capex	
6(i): Expenditure on Assets	29		Non-network IT	Level 1	928
6(i): Expenditure on Assets	30		**Expenditure on non-network assets**		928
6(i): Expenditure on Assets	31		**Expenditure on assets**		47,230
6(i): Expenditure on Assets	32	plus	Capital expenditure	Cost of financing	
6(i): Expenditure on Assets	33	less	Capital expenditure	Value of capital contributions	4,839
6(i): Expenditure on Assets	34		**Capital Expenditure**		42,391

SCHEDULE 6: REPORT ON CAPITAL EXPENDITURE FOR THE DISCLOSURE YEAR

6(ii): Breakdown of capital contributions

Section	Row	Context	Category1	Category2	($000)
6(ii): Breakdown of capital contributions	39		Extending the network		4,839
6(ii): Breakdown of capital contributions	40		Installations		-
6(ii): Breakdown of capital contributions	41		Network capacity		-
6(ii): Breakdown of capital contributions	42		Network sustain & enhance		-
6(ii): Breakdown of capital contributions	43		Network & customer IT		-
6(ii): Breakdown of capital contributions	44		**Total**		4,839

6(iii): Subcomponents of Expenditure on Assets

Section	Row	Context	Category1	Category2	($000)
6(iii): Subcomponents of Expenditure on Assets	49		Subcomponents of expenditure on assets	Research and development	

SCHEDULE 7: REPORT ON COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

7(i): Revenue

Section	Row	Category1	Category2	Target ($000)1	Actual ($000)	Variance (%)
7(i): Revenue	4	Operating revenue	Connection revenue	233	552	137%
7(i): Revenue	5	Operating revenue	Monthly access revenue	113,329	112,151	(1%)
7(i): Revenue	6	Operating revenue	Other product specific revenue		685	
7(i): Revenue	7	**Total operating revenue**		113,562	113,388	(0%)
7(i): Revenue	8	Non-financial	Connection volumes - opening	150,477	150,948	0%
7(i): Revenue	9	Non-financial	Connections volumes - closing	157,492	157,074	(0%)

7(ii): Expenditure on Assets

Section	Row	Category1	Category2	Forecast ($000)2	Actual ($000)	Variance (%)
7(ii): Expenditure on Assets	14	Extending the network	Augmentation		-	-
7(ii): Expenditure on Assets	15	Extending the network	New property developments		-	-
7(ii): Expenditure on Assets	16	Extending the network	UFB communal		-	-
7(ii): Expenditure on Assets	17	**Extending the network**		6,493	12,081	86%
7(ii): Expenditure on Assets	18	Installations	Complex installations		-	-
7(ii): Expenditure on Assets	19	Installations	Standard installations		-	-
7(ii): Expenditure on Assets	20	**Installations**		19,593	20,555	5%
7(ii): Expenditure on Assets	21	Network capacity	Access		-	-
7(ii): Expenditure on Assets	22	Network capacity	Aggregation		-	-
7(ii): Expenditure on Assets	23	Network capacity	Transport		-	-
7(ii): Expenditure on Assets	24	**Network capacity**		13,917	9,204	(34%)
7(ii): Expenditure on Assets	25	Network sustain & enhance	Field sustain		-	-
7(ii): Expenditure on Assets	26	Network sustain & enhance	Relocations		-	-
7(ii): Expenditure on Assets	27	Network sustain & enhance	Resilience		-	-
7(ii): Expenditure on Assets	28	Network sustain & enhance	Site sustain		-	-
7(ii): Expenditure on Assets	29	**Network sustain & enhance**		3,100	803	(74%)
7(ii): Expenditure on Assets	30	Network & customer IT	Network & customer IT	6,960	3,659	(47%)
7(ii): Expenditure on Assets	31	**Expenditure on network assets**		50,063	46,302	(8%)
7(ii): Expenditure on Assets	32	Non-network IT	Business IT	648	-	(100%)
7(ii): Expenditure on Assets	33	Non-network IT	Corporate capex	215	-	(100%)
7(ii): Expenditure on Assets	34	**Expenditure on non-network assets**		863	928	8%
7(ii): Expenditure on Assets	35	**Expenditure on assets**		50,926	47,230	(7%)

SCHEDULE 7: REPORT ON COMPARISON OF FORECASTS TO ACTUAL EXPENDITURE

7(iii): Operating Expenditure

Section	Row	Category1	Category2	Forecast ($000)2	Actual ($000)	Variance (%)
7(iii): Operating Expenditure	40	Customer opex	Customer operations		-	-
7(iii): Operating Expenditure	41	Customer opex	Product, sales & marketing		-	-
7(iii): Operating Expenditure	42	**Total customer opex**		6,285	4,474	(29%)
7(iii): Operating Expenditure	43	**Network opex**	Maintenance		-	-
7(iii): Operating Expenditure	44	Network opex	Network operations		-	-
7(iii): Operating Expenditure	45	Network opex	Network operating costs		-	-
7(iii): Operating Expenditure	46	**Total network opex**		5,688	6,712	18%
7(iii): Operating Expenditure	47	Support opex	Asset management		-	-
7(iii): Operating Expenditure	48	Support opex	Corporate opex		-	-
7(iii): Operating Expenditure	49	Support opex	Technology		-	-
7(iii): Operating Expenditure	50	**Total support opex**		9,972	12,445	25%
7(iii): Operating Expenditure	51	**Operating expenditure**		21,945	23,631	8%

7(iv): Subcomponents of Operating Expenditure

Section	Row	Category1	Category2	Forecast ($000)2	Actual ($000)	Variance (%)
7(iv): Subcomponents of Operating Expenditure	56	Subcomponents of operating expenditure	Research and development		-	-
7(iv): Subcomponents of Operating Expenditure	57	Subcomponents of operating expenditure	Insurance	406	392	(3%)

1 From the nominal dollar target revenue for the disclosure year disclosed under clause 2.5.11 of this determination

2 From the CY+1 nominal dollar expenditure forecasts disclosed in accordance with clause 2.3.1 for the forecast period starting at the beginning of the disclosure year (Schedules 11 and 11a)

SCHEDULE 8: REPORT ON CALCULATION INPUTS

8(i): Qualifying Debt (may be Commission only)

Section	Row	Context	Category1	Category2	Issue date	Pricing date	Original tenor (in years)	Coupon rate (%)	Book value at issue date (NZD)	Book value at date of financial statement (NZD)	Term Credit Spread Difference	Debt issue cost readjustment
8(i): Qualifying Debt (may be Commission only)	4	Issuing party	ECI		ECI							
8(i): Qualifying Debt (may be Commission only)	5	Issuing party										
8(i): Qualifying Debt (may be Commission only)	6	Issuing party										
8(i): Qualifying Debt (may be Commission only)	7	Issuing party										
8(i): Qualifying Debt (may be Commission only)	8	Issuing party										
8(i): Qualifying Debt (may be Commission only)	9	Issuing party										
8(i): Qualifying Debt (may be Commission only)	10		Total							294,400,000	1,104,000	(294,400)

**Include additional rows if needed*

8(ii): Calculation of Term Credit Spread Differential Allowance

Section	Row	Context	Category1	Category2	($)	%	
8(ii): Calculation of Term Credit Spread Differential Allowance	17		**Gross term credit spread differential**		809,600		from row 10
8(ii): Calculation of Term Credit Spread Differential Allowance	18		Total book value of interest bearing debt		294,400,000		
8(ii): Calculation of Term Credit Spread Differential Allowance	19		Leverage			29%	
8(ii): Calculation of Term Credit Spread Differential Allowance	20		Average opening and closing RAB values		650,809,735		
8(ii): Calculation of Term Credit Spread Differential Allowance	21		**Attribution Rate (%)**			64.1%	
8a(ii): Calculation of Term Credit Spread Differential Allowance	22		**Term credit spread differential allowance**		519,021		to S1, S2

8(iii): Calculation of Notional Deductible Interest

Section	Row	Context	Category1	Category2	($000)
8(iii): Calculation of Notional Deductible Interest	28		**Opening RAB value**		641,096
8(iii): Calculation of Notional Deductible Interest	29		Minus: Crown financing outstanding		-
8(iii): Calculation of Notional Deductible Interest	30		Leverage (%)		29%
8(iii): Calculation of Notional Deductible Interest	31		Cost of debt		6.34%
8(iii): Calculation of Notional Deductible Interest	32		Months in disclosure year		12
8(iii): Calculation of Notional Deductible Interest	33		**Notional deductible interest**		11,787

8(iv): Calculation of Asset Stranding Allowance adjustment to ROI

Section	Row	Context	Category1	Category2	($000)
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	38	A			0.001
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	39	B	Average of C and D where:		650,810
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	40	C	= sum of opening RAB values of core fibre assets		570,498
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	41		+ opening RAB value of financial loss asset		70,598
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	42		C, Total		641,096
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	43	D	= Sum of closing RAB values of core fibre assets		600,179
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	44		+ closing RAB value of financial loss asset		60,344
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	45		D, Total		660,524
8(iv): Calculation of Asset Stranding Allowance adjustment to ROI	46		**Asset stranding allowance adjustment = A x B**		651

SCHEDULE 9: REPORT ON RELATED PARTY TRANSACTIONS

9(i): Summary - Related Party Transactions

Section	Row	Category1	Category2	($000)
9(i): Summary - Related Party Transactions	4	Total regulatory income		119
9(i): Summary - Related Party Transactions	5	Total regulatory income	Percentage of total regulatory income where associated FFLAS services were provided at a value less than if the transaction was an arm's-length transaction	
9(i): Summary - Related Party Transactions	6	Market value of asset disposals		

9(i): Summary - Related Party Transactions

Section	Row	Category1| Level 1 category	Category2| Level 2 category	($000)
9(i): Summary - Related Party Transactions	11	Customer opex	Customer operations	-
9(i): Summary - Related Party Transactions	12	Customer opex	Product, sales & marketing	-
9(i): Summary - Related Party Transactions	13	**Customer opex**	Customer opex	-
9(i): Summary - Related Party Transactions	14	Network opex	Maintenance	-
9(i): Summary - Related Party Transactions	15	Network opex	Network operations	3
9(i): Summary - Related Party Transactions	16	Network opex	Network operating costs	-
9(i): Summary - Related Party Transactions	17	**Network opex**		3
9(i): Summary - Related Party Transactions	18	Support opex	Asset management	-
9(i): Summary - Related Party Transactions	19	Support opex	Corporate opex	15
9(i): Summary - Related Party Transactions	20	Support opex	Technology	-
9(i): Summary - Related Party Transactions	21	**Support opex**		15
9(i): Summary - Related Party Transactions	22	**Total Operating expenditure**		18
9(i): Summary - Related Party Transactions	23	Expenditure on assets	Extending the network	-
9(i): Summary - Related Party Transactions	24	Expenditure on assets	Installations	25
9(i): Summary - Related Party Transactions	25	Expenditure on assets	Network capacity	-
9(i): Summary - Related Party Transactions	26	Expenditure on assets	Network sustain & enhance	113
9(i): Summary - Related Party Transactions	27	Expenditure on assets	Network & customer IT	-
9(i): Summary - Related Party Transactions	28	**Expenditure on network assets**		138
9(i): Summary - Related Party Transactions	29	**Expenditure on non-network assets**		-
9(i): Summary - Related Party Transactions	30	**Expenditure on assets**		138
9(i): Summary - Related Party Transactions	31	Capital expenditure	Cost of financing	
9(i): Summary - Related Party Transactions	32	Capital expenditure	Value of capital contributions	
9(i): Summary - Related Party Transactions	33	**Capital Expenditure**		138
9(i): Summary - Related Party Transactions	34	**Total Expenditure**		156
9(i): Summary - Related Party Transactions	35	Other related party transactions		1,915

9(ii): Total Regulatory income from Related Party Transactions*

Section	Row	Category1| Name of related party	Category2| Nature of services	Total value of related party transactions ($000)
9(ii): Total Regulatory income from Related Party Transactions*	40	Christchurch City Council	Regulatory Revenue (NBAP etc)	119
9(ii): Total Regulatory income from Related Party Transactions*	41			
9(ii): Total Regulatory income from Related Party Transactions*	42			
9(ii): Total Regulatory income from Related Party Transactions*	43			
9(ii): Total Regulatory income from Related Party Transactions*	44	**Total value of related party transactions**		119

SCHEDULE 9: REPORT ON RELATED PARTY TRANSACTIONS

9(iii): Total Opex and Capex Related Party Transactions*

Section	Row	Category1| Name of related party	Category2| Nature of opex or capex	Total value of related party transactions ($000)
9(iii): Total Opex and Capex Related Party Transactions*	49	Christchurch City Council	Installations	25
9(iii): Total Opex and Capex Related Party Transactions*	50	Christchurch City Council	Network operations	3
9(iii): Total Opex and Capex Related Party Transactions*	51	Christchurch City Council	Network sustain & enhance	4
9(iii): Total Opex and Capex Related Party Transactions*	52	Christchurch City Council	Corporate opex	1
9(iii): Total Opex and Capex Related Party Transactions*	53	Christchurch City Holdings Limited	Corporate opex	14
9(iii): Total Opex and Capex Related Party Transactions*	54	City Care	Network sustain & enhance	52
9(iii): Total Opex and Capex Related Party Transactions*	55	Orion Limiited	Network sustain & enhance	2
9(iii): Total Opex and Capex Related Party Transactions*	56	Connectics Limited	Network sustain & enhance	55
9(iii): Total Opex and Capex Related Party Transactions*	57			
9(iii): Total Opex and Capex Related Party Transactions*	58			
9(iii): Total Opex and Capex Related Party Transactions*	59			
9(iii): Total Opex and Capex Related Party Transactions*	60			
9(iii): Total Opex and Capex Related Party Transactions*	61			
9(iii): Total Opex and Capex Related Party Transactions*	62			
9(iii): Total Opex and Capex Related Party Transactions*	63			
9(iii): Total Opex and Capex Related Party Transactions*	64	**Total value of related party transactions**		156

**Include additional rows if needed*

SCHEDULE 10: ID FFLAS ASSET REGISTER

10: ID FFLAS Asset Register

Section	Row	Context	Category1	Category2	Category3	Category4	Volumes for new fibre investment| Opening volume	Volumes for new fibre investment| Net additional volume	Volumes for new fibre investment| Closing volume	Volumes for new fibre investment| Data accuracy (1 to 4)	Asset condition at start of planning period| (percentage of units by grade)| H1%	Asset condition at start of planning period| (percentage of units by grade)| H2%	Asset condition at start of planning period| (percentage of units by grade)| H3%	Asset condition at start of planning period| (percentage of units by grade)| H4%	Asset condition at start of planning period| (percentage of units by grade)| H5%	Asset condition at start of planning period| (percentage of units by grade)| Data accuracy (1 to 4)	Forecast to be replaced in next 5 years| %	Forecast cost of assets to be replaced in next 5 years| $000| Commission only
10: ID FFLAS Asset Register	4	Asset category	Layer 1 assets	Ducts		Metres	5,507,020	138,060	5,645,080	3	100%	0%	0%	0%	0%	3		ECI
10: ID FFLAS Asset Register	5	Asset category	Layer 1 assets	Manholes		No.	2,462	347	2,809	4	100%	0%	0%	0%	0%	4		
10: ID FFLAS Asset Register	6	Asset category	Layer 1 assets	OFDF		No.	629	284	913	4	0%	0%	0%	100%	0%	4		
10: ID FFLAS Asset Register	7	Asset category	Layer 1 assets	Fibre Optic Cable (sheath length)	Aerial	Metres	-	-	-	N/A						N/A		
10: ID FFLAS Asset Register	8	Asset category	Layer 1 assets	Fibre Optic Cable (sheath length)	Underground	Metres	4,312,730	178,570	4,491,300	3	100%	0%	0%	0%	0%	3		
10: ID FFLAS Asset Register	9	Asset category	Layer 1 assets	Fibre Optic Cable (route length)	Aerial	Metres	-	-	-	N/A						N/A		
10: ID FFLAS Asset Register	10	Asset category	Layer 1 assets	Fibre Optic Cable (route length)	Underground	Metres	4,730,000	136,940	4,866,940	3	100%	0%	0%	0%	0%	3		
10: ID FFLAS Asset Register	11	Asset category	Layer 1 assets	Fibre Service Leads (sheath length)	Aerial	Metres	-	-	-	N/A						N/A		
10: ID FFLAS Asset Register	12	Asset category	Layer 1 assets	Fibre Service Leads (sheath length)	Underground	Metres	29,121,990	1,450,010	30,572,000	3	74%	26%	0%	0%	0%	3		
10: ID FFLAS Asset Register	13	Asset category	Layer 1 assets	Poles		No.	-	-	-	N/A						N/A		
10: ID FFLAS Asset Register	14	Asset category	Layer 1 assets	FTTN / FTTP Cabinets		No.	1,917	26	1,943	4	100%	0%	0%	0%	0%	4		
10: ID FFLAS Asset Register	15	Asset category	Other Network Assets	Network land and buildings		No.	10	1	11	4	0%	100%	0%	0%	0%	4		
10: ID FFLAS Asset Register	16	Asset category	Other Network Assets	Network land and buildings	Handover sites	No.	2	-	2	4	0%	100%	0%	0%	0%	4		
10: ID FFLAS Asset Register	17	Asset category	Layer 2 assets	FTTN / FTTP Cabinets		No.	-	-	-	N/A						N/A		
10: ID FFLAS Asset Register	18	Asset category	Layer 2 assets	Splitters		No.	10,903	398	11,301	3	100%	0%	0%	0%	0%	4		
10: ID FFLAS Asset Register	19	Asset category	Layer 2 assets	Network Equipment				-		N/A						N/A		
10: ID FFLAS Asset Register	20	Asset category	Layer 2 assets	Network Equipment	ONT devices	No.	163,878	10,707	174,585	3	25%	25%	10%	28%	12%	3		
10: ID FFLAS Asset Register	21	Asset category	Layer 2 assets	Network Equipment	OLT devices	No.	65	-	65	4	0%	0%	0%	0%	100%	4	100	
10: ID FFLAS Asset Register	22	Asset category	Layer 2 assets	Network Equipment	Switches	No.	2	-	2	4	0%	0%	0%	0%	100%	4		
10: ID FFLAS Asset Register	23	Network spares	Layer 1	Cabinet		No.	4	-	4	4	100%	0%	0%	0%	0%	4		
10: ID FFLAS Asset Register	24	Network spares	Layer 1	Fibre cable		No.	8,000	-	8,000	4	100%	0%	0%	0%	0%	4		
10: ID FFLAS Asset Register	25	Network spares	Layer 1	Duct		No.	5,000	-	5,000	4	100%	0%	0%	0%	0%	4		
10: ID FFLAS Asset Register	26	Network spares	Layer 1	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	27	Network spares	Layer 1	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	28	Network spares	Layer 1	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	29	Network spares	Layer 2	OLT devices		No.	1	-	1	4	100%	0%	0%	0%	0%	4		
10: ID FFLAS Asset Register	30	Network spares	Layer 2	Splitters		No.	110	-	110	4	100%	0%	0%	0%	0%	4		
10: ID FFLAS Asset Register	31	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	32	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	33	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	34	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	35	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	36	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	37	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	38	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	39	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	40	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		
10: ID FFLAS Asset Register	41	Network spares	Layer 2	[describe category of asset]		No.		-		[Select one]						[Select one]		

SCHEDULE 10: ID FFLAS ASSET REGISTER

10: ID FFLAS Asset Register

Section	Row	Context	Category1	Category2	Category3	Category4	Asset Age Profile | CY-50+	Asset Age Profile | CY-46 to -50	Asset Age Profile | CY-41 to -45	Asset Age Profile | CY-36 to -40	Asset Age Profile | CY-31 to -35	Asset Age Profile | CY-26 to -30	Asset Age Profile | CY-21 to -25	Asset Age Profile | CY-16 to -20	Asset Age Profile | CY-11 to-15	Asset Age Profile | CY-10	Asset Age Profile | CY-9	Asset Age Profile | CY-8	Asset Age Profile | CY-7	Asset Age Profile | CY-6	Asset Age Profile | CY-5	Asset Age Profile | CY-4	Asset Age Profile | CY-3	Asset Age Profile | CY-2	Asset Age Profile | CY-1	Asset Age Profile | CY	Asset Age Profile | No. with age unknown	Asset Age Profile | No. with default dates	Asset Age Profile | Data accuracy (1–4)
10: ID FFLAS Asset Register	4	Asset category	Layer 1 assets	Ducts		Metres									849,420	830,220	932,990	743,200	826,220	623,780	145,520	155,380	100,970	115,010	184,310	138,060	-		3
10: ID FFLAS Asset Register	5	Asset category	Layer 1 assets	Manholes		No.									904	310	316	217	193	171	60	90	20	39	142	347	-		4
10: ID FFLAS Asset Register	6	Asset category	Layer 1 assets	OFDF		No.									-	-	-	-	-	-	-	-	-	-	108	284	521		3
10: ID FFLAS Asset Register	7	Asset category	Layer 1 assets	Fibre Optic Cable (sheath length)	Aerial	Metres																				-	-		N/A
10: ID FFLAS Asset Register	8	Asset category	Layer 1 assets	Fibre Optic Cable (sheath length)	Underground	Metres									308,690	165,750	528,590	767,570	664,180	572,020	310,210	240,270	210,860	314,490	230,090	178,570	10		3
10: ID FFLAS Asset Register	9	Asset category	Layer 1 assets	Fibre Optic Cable (route length)	Aerial	Metres																					-		N/A
10: ID FFLAS Asset Register	10	Asset category	Layer 1 assets	Fibre Optic Cable (route length)	Underground	Metres									626,970	761,380	850,500	674,320	753,000	556,270	118,210	114,180	42,120	80,120	152,930	136,940	-		3
10: ID FFLAS Asset Register	11	Asset category	Layer 1 assets	Fibre Service Leads (sheath length)	Aerial	Metres																				-	-		N/A
10: ID FFLAS Asset Register	12	Asset category	Layer 1 assets	Fibre Service Leads (sheath length)	Underground	Metres									255,950	532,144	1,376,216	2,380,301	4,786,304	5,011,448	4,557,638	3,238,280	2,942,371	2,244,229	1,797,108	1,450,010	-		3
10: ID FFLAS Asset Register	13	Asset category	Layer 1 assets	Poles		No.																				-	-		N/A
10: ID FFLAS Asset Register	14	Asset category	Layer 1 assets	FTTN / FTTP Cabinets		No.									161	236	332	313	359	267	42	64	37	45	61	26	-		4
10: ID FFLAS Asset Register	15	Asset category	Other Network Assets	Network land and buildings		No.									2	8	-	-	-	-	-	-	-	-	-	1	-		4
10: ID FFLAS Asset Register	16	Asset category	Other Network Assets	Network land and buildings	Handover sites	No.									2	-	-	-	-	-	-	-	-	-	-	-	-		4
10: ID FFLAS Asset Register	17	Asset category	Layer 2 assets	FTTN / FTTP Cabinets		No.																							
10: ID FFLAS Asset Register	18	Asset category	Layer 2 assets	Splitters		No.																							
10: ID FFLAS Asset Register	19	Asset category	Layer 2 assets	Network Equipment																									
10: ID FFLAS Asset Register	20	Asset category	Layer 2 assets	Network Equipment	ONT devices	No.																							
10: ID FFLAS Asset Register	21	Asset category	Layer 2 assets	Network Equipment	OLT devices	No.																							
10: ID FFLAS Asset Register	22	Asset category	Layer 2 assets	Network Equipment	Switches	No.																							
10: ID FFLAS Asset Register	23	Network spares	Layer 1	Cabinet		No.																							
10: ID FFLAS Asset Register	24	Network spares	Layer 1	Fibre cable		No.																							
10: ID FFLAS Asset Register	25	Network spares	Layer 1	Duct		No.																							
10: ID FFLAS Asset Register	26	Network spares	Layer 1	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	27	Network spares	Layer 1	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	28	Network spares	Layer 1	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	29	Network spares	Layer 2	OLT devices		No.																							
10: ID FFLAS Asset Register	30	Network spares	Layer 2	Splitters		No.																							
10: ID FFLAS Asset Register	31	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	32	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	33	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	34	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	35	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	36	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	37	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	38	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	39	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	40	Network spares	Layer 2	[describe category of asset]		No.																							
10: ID FFLAS Asset Register	41	Network spares	Layer 2	[describe category of asset]		No.																							

SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE

11(i): Expenditure on Assets Forecast

Section	Row	Context	Category1	Category2	Current Year Actual | $000 (in nominal dollars)	CY+1 | $000 (in nominal dollars	CY+2 | $000 (in nominal dollars)	CY+3 | $000 (in nominal dollars)	CY+4 | $000 (in nominal dollars)	CY+5 | $000 (in nominal dollars)
11(i): Expenditure on Assets Forecast	4		Extending the network	Augmentation	-				[redacted]	
11(i): Expenditure on Assets Forecast	5		Extending the network	New property development	-					
11(i): Expenditure on Assets Forecast	6		Extending the network	UFB communal	-					
11(i): Expenditure on Assets Forecast	7		**Extending the network**	*Complete if disclosing at Level 1 category*	12,081	6,663	6,681	6,241		
11(i): Expenditure on Assets Forecast	8		**Extending the network**		12,081	6,663	6,681	6,241		
11(i): Expenditure on Assets Forecast	9		Installations	Complex installations	-					
11(i): Expenditure on Assets Forecast	10		Installations	Standard installations	-					
11(i): Expenditure on Assets Forecast	11		**Installations**	*Complete if disclosing at Level 1 category*	20,555	17,147	16,448	15,197		
11(i): Expenditure on Assets Forecast	12		**Installations**		20,555	17,147	16,448	15,197		
11(i): Expenditure on Assets Forecast	13		Network capacity	Access	-					
11(i): Expenditure on Assets Forecast	14		Network capacity	Aggregation	-					
11(i): Expenditure on Assets Forecast	15		Network capacity	Transport	-					
11(i): Expenditure on Assets Forecast	16		**Network capacity**	*Complete if disclosing at Level 1 category*	9,204	7,082	7,054	1,465		
11(i): Expenditure on Assets Forecast	17		**Network capacity**		9,204	7,082	7,054	1,465		
11(i): Expenditure on Assets Forecast	18		Network sustain & enhance	Field Sustain	-					
11(i): Expenditure on Assets Forecast	19		Network sustain & enhance	Relocations	-					
11(i): Expenditure on Assets Forecast	20		Network sustain & enhance	Resilience	-					
11(i): Expenditure on Assets Forecast	21		Network sustain & enhance	Site Sustain	-					
11(i): Expenditure on Assets Forecast	22		**Network sustain & enhance**	*Complete if disclosing at Level 1 category*	803	3,812	2,892	2,560		
11(i): Expenditure on Assets Forecast	23		**Network sustain & enhance**		803	3,812	2,892	2,560		
11(i): Expenditure on Assets Forecast	24		Network & customer IT		3,659	5,878	5,420	3,635		
11(i): Expenditure on Assets Forecast	25		**Expenditure on network assets**		46,302	40,582	38,495	29,098		
11(i): Expenditure on Assets Forecast	26		Non-network IT & support	Business IT	-					
11(i): Expenditure on Assets Forecast	27		Non-network IT & support	Corporate capex	-					
11(i): Expenditure on Assets Forecast	28		**Non-network IT & support**	*Complete if disclosing at Level 1 category*	928	792	685	545		
11(i): Expenditure on Assets Forecast	29		**Non-network IT & support**		928	792	685	545		
11(i): Expenditure on Assets Forecast	30		**Expenditure on assets**		47,230	41,374	39,180	29,643		
11(i): Expenditure on Assets Forecast	31	plus	Capital expenditure on assets	Cost of financing						
11(i): Expenditure on Assets Forecast	32	less	Capital expenditure on assets	Value of capital contributions	4,839	6,124	4,607	4,691		
11(i): Expenditure on Assets Forecast	33		**Capital expenditure on forecast**		42,391	35,250	34,573	24,952		
11(i): Expenditure on Assets Forecast	34		Assets commissioned		35,104	46,551	36,265	27,232		
11(i): Expenditure on Assets Forecast	35		Subcomponents of expenditure on assets (where known)	Research and development						

SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE

11(i): Expenditure on Assets Forecast

Section	Row	Context	Category1	Category2	Current Year Actual | $000 (in constant dollars)	CY+1 | $000 (in constant dollars	CY+2 | $000 (in constant dollars)	CY+3 | $000 (in constant dollars)	CY+4 | $000 (in constant dollars)	CY+5 | $000 (in constant dollars)
11(i): Expenditure on Assets Forecast	40		Extending the network	Augmentation	-				ECI	
11(i): Expenditure on Assets Forecast	41		Extending the network	New property development	-					
11(i): Expenditure on Assets Forecast	42		Extending the network	UFB communal	-					
11(i): Expenditure on Assets Forecast	43		**Extending the network**	*Complete if disclosing at Level 1 category*	12,081	6,437	6,270	5,743		
11(i): Expenditure on Assets Forecast	44		**Extending the network**		12,081	6,437	6,270	5,743		
11(i): Expenditure on Assets Forecast	45		Installations	Complex installations	-					
11(i): Expenditure on Assets Forecast	46		Installations	Standard installations	-					
11(i): Expenditure on Assets Forecast	47		**Installations**	*Complete if disclosing at Level 1 category*	20,555	16,567	15,443	13,987		
11(i): Expenditure on Assets Forecast	48		**Installations**		20,555	16,567	15,443	13,987		
11(i): Expenditure on Assets Forecast	49		Network capacity	Access	-					
11(i): Expenditure on Assets Forecast	50		Network capacity	Aggregation	-					
11(i): Expenditure on Assets Forecast	51		Network capacity	Transport	-					
11(i): Expenditure on Assets Forecast	52		**Network capacity**	*Complete if disclosing at Level 1 category*	9,204	6,885	6,781	1,378		
11(i): Expenditure on Assets Forecast	53		**Network capacity**		9,204	6,885	6,781	1,378		
11(i): Expenditure on Assets Forecast	54		Network sustain & enhance	Field Sustain	-					
11(i): Expenditure on Assets Forecast	55		Network sustain & enhance	Relocations	-					
11(i): Expenditure on Assets Forecast	56		Network sustain & enhance	Resilience	-					
11(i): Expenditure on Assets Forecast	57		Network sustain & enhance	Site Sustain	-					
11(i): Expenditure on Assets Forecast	58		**Network sustain & enhance**	*Complete if disclosing at Level 1 category*	803	3,692	2,738	2,401		
11(i): Expenditure on Assets Forecast	59		**Network sustain & enhance**		803	3,692	2,738	2,401		
11(i): Expenditure on Assets Forecast	60		Network & customer IT		3,659	5,730	5,196	3,422		
11(i): Expenditure on Assets Forecast	61		**Expenditure on network assets**		46,302	39,311	36,428	26,931		
11(i): Expenditure on Assets Forecast	62		Non-network IT & support	Business IT	-					
11(i): Expenditure on Assets Forecast	63		Non-network IT & support	Corporate capex	-					
11(i): Expenditure on Assets Forecast	64		Non-network IT & support	*Complete if disclosing at Level 1 category*	928	765	645	522		
11(i): Expenditure on Assets Forecast	65		**Non-network IT & support**		928	765	645	522		
11(i): Expenditure on Assets Forecast	66		**Expenditure on assets**		47,230	40,076	37,073	27,453		
11(i): Expenditure on Assets Forecast	67	plus	Capital expenditure on assets	Cost of financing						
11(i): Expenditure on Assets Forecast	68	less	Capital expenditure on assets	Value of capital contributions	4,839	5,917	4,321	4,314		
11(i): Expenditure on Assets Forecast	69		**Capital expenditure forecast**		42,391	34,159	32,752	23,139		
11(i): Expenditure on Assets Forecast	70		Assets commissioned		35,104	45,030	34,229	25,382		

SCHEDULE 11: REPORT ON FORECAST CAPITAL EXPENDITURE

11(i): Expenditure on Assets Forecast

Section	Row	Context	Category1	Category2	Current Year Actual| $000 (Difference between nominal and constant price)	CY+1| $000 (Difference between nominal and constant price)	CY+2| $000 (Difference between nominal and constant price)	CY+3| $000 (Difference between nominal and constant price)	CY+4| $000 (Difference between nominal and constant price)	CY+5| $000 (Difference between nominal and constant price)
11(i): Expenditure on Assets Forecast	75		Extending the network	Augmentation	-	-	-	-	ECI	
11(i): Expenditure on Assets Forecast	76		Extending the network	New property development	-	-	-	-		
11(i): Expenditure on Assets Forecast	77		Extending the network	UFB communal	-	-	-	-		
11(i): Expenditure on Assets Forecast	78		**Extending the network**		-	226	411	498		
11(i): Expenditure on Assets Forecast	79		Installations	Complex installations	-	-	-	-		
11(i): Expenditure on Assets Forecast	80		Installations	Standard installations	-	-	-	-		
11(i): Expenditure on Assets Forecast	81		**Installations**		-	580	1,005	1,210		
11(i): Expenditure on Assets Forecast	82		Network capacity	Access	-	-	-	-		
11(i): Expenditure on Assets Forecast	83		Network capacity	Aggregation	-	-	-	-		
11(i): Expenditure on Assets Forecast	84		Network capacity	Transport	-	-	-	-		
11(i): Expenditure on Assets Forecast	85		**Network capacity**		-	197	273	87		
11(i): Expenditure on Assets Forecast	86		Network sustain & enhance	Field Sustain	-	-	-	-		
11(i): Expenditure on Assets Forecast	87		Network sustain & enhance	Relocations	-	-	-	-		
11(i): Expenditure on Assets Forecast	88		Network sustain & enhance	Resilience	-	-	-	-		
11(i): Expenditure on Assets Forecast	89		Network sustain & enhance	Site Sustain	-	-	-	-		
11(i): Expenditure on Assets Forecast	90		**Network sustain & enhance**		-	120	154	159		
11(i): Expenditure on Assets Forecast	91		Network & customer IT		-	148	224	213		
11(i): Expenditure on Assets Forecast	92		**Expenditure on network assets**		-	1,271	2,067	2,167		
11(i): Expenditure on Assets Forecast	93		Non-network IT & support	Business IT	-	-	-	-		
11(i): Expenditure on Assets Forecast	94		Non-network IT & support	Corporate capex	-	-	-	-		
11(i): Expenditure on Assets Forecast	95		**Non-network IT & support**		-	27	40	23		
11(i): Expenditure on Assets Forecast	96		**Expenditure on assets**		-	1,298	2,107	2,190		
11(i): Expenditure on Assets Forecast	97	plus	Capital expenditure on assets	Cost of financing	-	-	-	-		
11(i): Expenditure on Assets Forecast	98	less	Capital expenditure on assets	Value of capital contributions	-	207	286	377		
11(i): Expenditure on Assets Forecast	99		**Capital expenditure forecast**		-	1,091	1,821	1,813		
11(i): Expenditure on Assets Forecast	100		Assets commissioned		-	1,521	2,036	1,851		

11(ii): Breakdown of capital contributions

Section	Row	Context	Category1	Category2	Current Year Actual| $000 (in constant dollars)	CY+1| $000 (in constant dollars	CY+2| $000 (in constant dollars)	CY+3| $000 (in nominal dollars)	CY+4| $000 (in constant dollars)	CY+5| $000 (in constant dollars)
11(ii): Breakdown of capital contributions	105		Extending the network		4,839	5,917	4,321	4,314	ECI	
11(ii): Breakdown of capital contributions	106		Installations		-					
11(ii): Breakdown of capital contributions	107		Network capacity		-					
11(ii): Breakdown of capital contributions	108		Network sustain & enhance		-					
11(ii): Breakdown of capital contributions	109		Network & customer IT		-					
11(ii): Breakdown of capital contributions	110		**Total**		4,839	5,917	4,321	4,314	-	-

SCHEDULE 11a: REPORT ON FORECAST OPERATING EXPENDITURE

11a(i): Operating Expenditure Forecast

Section	Row	Category1	Category2	Current Year Actual| $000 (in nominal dollars)	CY+1| $000 (in nominal dollars	CY+2| $000 (in nominal dollars)	CY+3| $000 (in nominal dollars)	CY+4| $000 (in nominal dollars)	CY+5| $000 (in nominal dollars)
11a(i): Operating Expenditure Forecast	4	Customer opex	Customer operations	-				ECI	
11a(i): Operating Expenditure Forecast	5	Customer opex	Product, sales & marketing	-					
11a(i): Operating Expenditure Forecast	6	**Customer opex**	*Complete if disclosing at Level 1 category*	4,474	5,527	5,551	6,114		
11a(i): Operating Expenditure Forecast	7	**Total customer opex**		4,474	5,527	5,551	6,114		
11a(i): Operating Expenditure Forecast	8	Network opex	Maintenance	-					
11a(i): Operating Expenditure Forecast	9	Network opex	Network operations	-					
11a(i): Operating Expenditure Forecast	10	Network opex	Network operating costs	-					
11a(i): Operating Expenditure Forecast	11	**Network opex**	*Complete if disclosing at Level 1 category*	6,712	8,144	7,599	7,461		
11a(i): Operating Expenditure Forecast	12	**Total network opex**		6,712	8,144	7,599	7,461		
11a(i): Operating Expenditure Forecast	13	Support opex	Asset management	-					
11a(i): Operating Expenditure Forecast	14	Support opex	Corporate opex	-					
11a(i): Operating Expenditure Forecast	15	Support opex	Technology	-					
11a(i): Operating Expenditure Forecast	16	**Support opex**	*Complete if disclosing at Level 1 category*	12,445	15,623	15,792	16,189		
11a(i): Operating Expenditure Forecast	17	**Total support opex**		12,445	15,623	15,792	16,189		
11a(i): Operating Expenditure Forecast	18	**Operating expenditure**		23,631	29,294	28,942	29,764		
11a(i): Operating Expenditure Forecast	19	Subcomponents of operating expenditure (where known)	Research and development	-					
11a(i): Operating Expenditure Forecast	20	Subcomponents of operating expenditure (where known)	Insurance	392	481	522	542		

11a(i): Operating Expenditure Forecast

Section	Row	Category1	Category2	Current Year Actual| $000 (in constant dollars)	CY+1| $000 (in constant dollars	CY+2| $000 (in constant dollars)	CY+3| $000 (in constant dollars)	CY+4| $000 (in constant dollars)	CY+5| $000 (in constant dollars)
11a(i): Operating Expenditure Forecast	25	Customer opex	Customer operations	-				ECI	
11a(i): Operating Expenditure Forecast	26	Customer opex	Product, sales & marketing	-					
11a(i): Operating Expenditure Forecast	27	**Customer opex**	*Complete if disclosing at Level 1 category*	4,474	5,321	5,194	5,566		
11a(i): Operating Expenditure Forecast	28	**Total customer opex**		4,474	5,321	5,194	5,566		
11a(i): Operating Expenditure Forecast	29	Network opex	Maintenance	-					
11a(i): Operating Expenditure Forecast	30	Network opex	Network operations	-					
11a(i): Operating Expenditure Forecast	31	Network opex	Network operating costs	-					
11a(i): Operating Expenditure Forecast	32	**Network opex**	*Complete if disclosing at Level 1 category*	6,712	7,856	7,138	6,845		
11a(i): Operating Expenditure Forecast	33	**Total network opex**		6,712	7,856	7,138	6,845		
11a(i): Operating Expenditure Forecast	34	Support opex	Asset management	-					
11a(i): Operating Expenditure Forecast	35	Support opex	Corporate opex	-					
11a(i): Operating Expenditure Forecast	36	Support opex	Technology	-					
11a(i): Operating Expenditure Forecast	37	**Support opex**	*Complete if disclosing at Level 1 category*	12,445	15,065	14,820	14,827		
11a(i): Operating Expenditure Forecast	38	**Total support opex**		12,445	15,065	14,820	14,827		
11a(i): Operating Expenditure Forecast	39	**Operating expenditure**		23,631	28,242	27,152	27,238		

SCHEDULE 11a: REPORT ON FORECAST OPERATING EXPENDITURE

11a(i): Operating Expenditure Forecast

Section	Row	Category1	Category2	Current Year Actual | $000 (Difference between nominal and constant price forecasts)	CY+1 | $000 (Difference between nominal and constant price forecasts)	CY+2 | $000 (Difference between nominal and constant price forecasts)	CY+3 | $000 (Difference between nominal and constant price forecasts)	CY+4 | $000 (Difference between nominal and constant price forecasts)	CY+5 | $000 (Difference between nominal and constant price forecasts)
11a(i): Operating Expenditure Forecast	44	Customer opex	Customer operations	-	-	-	-	ECI	
11a(i): Operating Expenditure Forecast	45	Customer opex	Product, sales & marketing	-	-	-	-		
11a(i): Operating Expenditure Forecast	46	**Total customer opex**		-	206	357	548		
11a(i): Operating Expenditure Forecast	47	Network opex	Maintenance	-	-	-	-		
11a(i): Operating Expenditure Forecast	48	Network opex	Network operations	-	-	-	-		
11a(i): Operating Expenditure Forecast	49	Network opex	Network operating costs	-	-	-	-		
11a(i): Operating Expenditure Forecast	50	**Total network opex**		-	288	461	616		
11a(i): Operating Expenditure Forecast	51	Support opex	Asset management	-	-	-	-		
11a(i): Operating Expenditure Forecast	52	Support opex	Corporate opex	-	-	-	-		
11a(i): Operating Expenditure Forecast	53	Support opex	Technology	-	-	-	-		
11a(i): Operating Expenditure Forecast	54	**Total support opex**		-	558	972	1,362		
11a(i): Operating Expenditure Forecast	55	**Operating expenditure**		-	1,052	1,790	2,526		

SCHEDULE 12: REPORT ON ID FORECAST CAPACITY AND UTILISATION

12(i): System Capacity and Utilisation

Section	Row	Category1| POI area	Category2	Current year| Number of Cos	Current Year| Number of P2P end-user connections within POI area	3 Year Forecast| Number of P2P end users within POI area	5 Year Forecast| Number of P2P end users within POI area	Current Year| Number of PON end-users from CO	3 Year Forecast| Number of PON end-users from CO	5 Year Forecast| Number of PON end-users from CO	Current year| Central office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	3 Year Forecast| Central office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	5 Year Forecast| Central office (CO) to fibre flexibility point (FFPs), with percentage fill greater than 85%	Current year| Premises Passed	3 Year Forecast| Premises Passed	5 Year Forecast| Premises Passed
12(i): System Capacity and Utilisation	4	Christchurch		13	1,598	1,730	ECI	155,476	172,559	ECI	-	-	ECI	217,469	222,400	ECI
12(i): System Capacity and Utilisation	5															
12(i): System Capacity and Utilisation	6															
12(i): System Capacity and Utilisation	7															
12(i): System Capacity and Utilisation	8															
12(i): System Capacity and Utilisation	9															
12(i): System Capacity and Utilisation	10															
12(i): System Capacity and Utilisation	11															
12(i): System Capacity and Utilisation	12															
12(i): System Capacity and Utilisation	13															
12(i): System Capacity and Utilisation	14	**Total**			1,598	1,730		155,476	172,559		-	-		217,469	222,400	

SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND

12a(i): Active forecast connections

Section	Row	Category1	Category2	Number of PON connections | Current Year CY | May be Commission only	Number of PON connections | CY+1 | May be Commission only	Number of PON connections | CY+2 | May be Commission only	Number of PON connections | CY+3 | May be Commission only	Number of PON connections | CY+4 | May be Commission only	Number of PON connections | CY+5 | May be Commission only
12a(i): Active Forecast Connections	4	PON connections by service description*	Bitstream 2	ECI					
12a(i): Active Forecast Connections	5	PON connections by service description*	Bitstream 3						
12a(i): Active Forecast Connections	6	PON connections by service description*	Bitstream 3a						
12a(i): Active Forecast Connections	7	PON connections by service description*	Bitstream 3b						
12a(i): Active Forecast Connections	8	PON connections by service description*	Hyperfibre						
12a(i): Active Forecast Connections	9	PON connections by service description*							
12a(i): Active Forecast Connections	10	PON connections by service description*							
12a(i): Active Forecast Connections	11	PON connections by service description*							
12a(i): Active Forecast Connections	12	PON connections by service description*							
12a(i): Active Forecast Connections	13	PON connections by service description*							
12a(i): Active Forecast Connections	14	PON connections by service description*							
12a(i): Active Forecast Connections	15	PON connections by service description*							
12a(i): Active Forecast Connections	16	PON connections by service description*							
12a(i): Active Forecast Connections	17	PON connections by service description*							
12a(i): Active Forecast Connections	18	PON connections by service description*							
12a(i): Active Forecast Connections	19	PON connections by service description*							
12a(i): Active Forecast Connections	20	**Total PON connections by service description**		154,824	162,376	167,832	172,124	ECI	
12a(i): Active Forecast Connections	21	Other PON connections (includes voice)		652	514	477	435		
12a(i): Active Forecast Connections	22	P2P connections		1,598	1,664	1,717	1,730		
12a(i): Active Forecast Connections	23	**Total connections**		157,074	164,555	170,026	174,288		
12a(i): Active Forecast Connections	24	Sum of PON service connection speeds (Megabits per second)		67,936,305	74,118,509	80,863,293	88,221,853		
12a(i): Active Forecast Connections	25	**Average speed (Megabits per second)**		439	456	482	513		
12a(i): Active Forecast Connections	26	**Average throughput per user (Megabits per second)**		4.35	4.77	5.30	5.95		

**include additional rows if needed*

12a(ii): System Traffic

Section	Row	Category1	Category2 | POI area	Demand by POI area (observed) | Gigabits per second | Current Year CY | May be Commission only	Demand by POI area | Gigabits per second | CY+1 | May be Commission only	Demand by POI area | Gigabits per second | CY+2 | May be Commission only	Demand by POI area | Gigabits per second | CY+3 | May be Commission only	Demand by POI area | Gigabits per second | CY+4 | May be Commission only	Demand by POI area | Gigabits per second | CY+5 | May be Commission only
12a(ii): System Traffic	33	Aggregate coincident maximum peak demand across all ports	Christchurch	ECI					
12a(ii): System Traffic	34	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	35	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	36	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	37	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	38	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	39	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	40	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	41	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	42	Aggregate coincident maximum peak demand across all ports							
12a(ii): System Traffic	43	Aggregate coincident maximum peak demand across all ports	**Sum**	673	774	890	1,024	-	-
12a(ii): System Traffic	44	**System peak (maximum observed peak in gigabits per second)**		673					
12a(ii): System Traffic	45	**Forecast system peak**			774	890	1,024		
12a(ii): System Traffic	46	**Percentage of sum of peaks (%)**		100%	100%	100%	100%		

SCHEDULE 12a: REPORT ON FORECAST NETWORK DEMAND

12a(ii): System Traffic

Section	Row	Category1	Category2| POI area	Demand by POI area (observed)| Gigabits per second| Current Year CY| May be Commission only	Demand by POI area| Gigabits per second| CY+1| May be Commission only	Demand by POI area| Gigabits per second| CY+2| May be Commission only	Demand by POI area| Gigabits per second| CY+3| May be Commission only	Demand by POI area| Gigabits per second| CY+4| May be Commission only	Demand by POI area| Gigabits per second| CY+5| May be Commission only
12a(ii): System Traffic	51 Average demand		Christchurch			ECI			
12a(ii): System Traffic	52 Average demand		-						
12a(ii): System Traffic	53 Average demand		-						
12a(ii): System Traffic	54 Average demand		-						
12a(ii): System Traffic	55 Average demand		-						
12a(ii): System Traffic	56 Average demand		-					ECI	
12a(ii): System Traffic	57 Average demand		-						
12a(ii): System Traffic	58 Average demand		-						
12a(ii): System Traffic	59 Average demand		-						
12a(ii): System Traffic	60 Average demand		-						
12a(ii): System Traffic	61 Average demand		**Total**	337	387	445	512		

12a(ii): System Traffic

Section	Row	Category1	Category2| POI area	Average to Peak Ratio by POI area (observed)| %| Current Year CY	Average to Peak Ratio by POI area| %| CY+1	Average to Peak Ratio by POI area| %| CY+2	Average to Peak Ratio by POI area| %| CY+3	Average to Peak Ratio by POI area| %| CY+4	Average to Peak Ratio by POI area| %| CY+5
12a(ii): System Traffic	66 Average to peak ratio		Christchurch	50%	50%	50%	50%		
12a(ii): System Traffic	67 Average to peak ratio		-						
12a(ii): System Traffic	68 Average to peak ratio		-						
12a(ii): System Traffic	69 Average to peak ratio		-						
12a(ii): System Traffic	70 Average to peak ratio		-						
12a(ii): System Traffic	71 Average to peak ratio		-						
12a(ii): System Traffic	72 Average to peak ratio		-						
12a(ii): System Traffic	73 Average to peak ratio		-						
12a(ii): System Traffic	74 Average to peak ratio		-						
12a(ii): System Traffic	75 Average to peak ratio		-						
12a(ii): System Traffic	76 Average to peak ratio		**Total**	50%	50%	50%	50%		

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions

Section	Question No.	Function	Question	Maturity Level Score	Evidence - Summary	Target Score CY+3	Initiatives planned to achieve target score	Why	Who	Record/documented Information
13:Asset Management Capability, Self Assessment Questions	1	Asset management policy	To what extent has an asset management policy been documented, authorised and communicated?	3	The Asset Management Policy was presented to the Senior Leadership Team. It is our intention to regularly review this Policy every two years, in accordance with our internal governance procedures, although a review will also be undertaken in FY25.	4	The next step is to review the AM Policy and present the revised version to the Board. Regular communication around Asset Management is required to continue to ensure that it is being effectively used to influence the management of assets.	Widely used AM practice standards require an organisation to document, authorise and communicate its asset management policy. A key pre-requisite of any robust policy is that the organisation's top management must be seen to endorse and fully support it. Also vital to the effective implementation of the policy, is to tell the appropriate people of its content and their obligations under it. Where an organisation outsources some of its asset-related activities, then these people and their organisations must equally be made aware of the policy's content. Also, there may be other stakeholders, such as regulatory authorities and shareholders who should be made aware of it.	Top management. The management team that has overall responsibility for asset management.	The organisation's asset management policy, its organisational strategic plan, documents indicating how the asset management policy was based upon the needs of the organisation and evidence of communication.
13:Asset Management Capability, Self Assessment Questions	2	Asset management strategy	What has the organisation done to ensure that its asset management strategy is consistent with other appropriate organisational policies and strategies, and the needs of stakeholders?	3	Enable has established an Asset Management Strategy that aligns seamlessly with our broader range of policies and strategies. Currently, this Strategy is delineated by specific asset types and integrated into our long-term planning processes to guarantee that our investments align with organisational objectives, policies, and strategies.	4	We continue to identify linkages between the Asset Management Strategy and other organisational policies and strategies, to ensure it is an integrated document. This continues to involve identifying areas of overlap and alignment between the AM Strategy and other strategies, such as those related to risk management, sustainability and financial management. This will lead to more effective asset management practices, improved organisational performance and satisfaction. The aim is to bolster consistency in our decision-making process and address any potential gaps, redundancies, or missed opportunities.	In setting an organisation's asset management strategy, it is important that it is consistent with any other policies and strategies that the organisation has, and has taken into account the requirements of relevant stakeholders. This question examines to what extent the asset management strategy is consistent with other organisational policies and strategies and has taken account of stakeholder requirements. Generally, this will take into account the same policies, strategies and stakeholder requirements as covered in drafting the asset management policy but at a greater level of detail.	Top management. The organisation's strategic planning team. The management team that has overall responsibility for asset management.	The organisation's asset management strategy document and other related organisational policies and strategies. Other than the organisation's strategic plan, these could include those relating to health and safety, environmental, etc. Results of stakeholder consultation.
13:Asset Management Capability, Self Assessment Questions	3	Asset management strategy	In what way does the organisation's asset management strategy take account of the lifecycle of the assets, asset types and asset systems over which the organisation has stewardship?	3	Enable has an AM Lifecycle Document that has been applied to the AM Strategy. This included a review of all technical asset lives. The lifecycles of assets play a crucial role in shaping our asset management strategy. These lifecycles, which differ based on asset categories, types and materials are incorporated into our long-term planning procedures. It is worth emphasising that unforeseen events can impact the lifecycles of fibre assets, potentially necessitating replacement before their anticipated end-of-life. Currently, we conduct an annual review of our asset lifecycles for audit purposes.	4	Enable is planning to implement a series of strategic initiatives designed to streamline processes, enhance asset performance, and ensure the network's reliability and scalability. One key initiative is deploying a GIS Asset View, providing a unified view of all assets and enabling real-time analysis to improve decision-making and forecasting. We also continue to adopt predictive maintenance practices using data analytics to predict potential failures, reduce unplanned downtime, extend asset life, and optimise maintenance schedules.	Good asset stewardship is the hallmark of an organisation compliant with widely used AM standards. A key component of this is the need to take account of the lifecycle of the assets, asset types and asset systems. This question explores what an organisation has done to take lifecycle into account in its asset management strategy.	Top management. People in the organisation with expert knowledge of the assets, asset types, asset systems and their associated life-cycles. The management team that has overall responsibility for asset management. Those responsible for developing and adopting methods and processes used in asset management	The organisation's documented asset management strategy and supporting working documents.
13:Asset Management Capability, Self Assessment Questions	4	Asset management plan(s)	How does the organisation establish and document its asset management plan(s) across the life cycle activities of its assets and asset systems?	3	An Asset Management Plan for our assets related to the network has been completed and is currently under review. Our AM Plan aligns with our strategic goal of delivering reliable, high-speed internet services. The AM Plan contains a comprehensive inventory of our network assets and supporting infrastructure. Data on each asset, such as age and condition is collected and regularly updated. We define the life cycle stages of our assets—from acquisition and installation to operation, maintenance, and eventual renewal or disposal—and apply life cycle costing to ensure cost-effectiveness. Risk management is integral to our approach, with a framework in place to identify, assess, and mitigate potential risks, such as network outages or equipment failures. Our maintenance strategies are proactive, employing both preventive and predictive maintenance to enhance network	3	By aligning the Asset Management Plan with the asset management objectives and the overall strategy, Enable can improve its ability to operate more efficiently. The Asset Management Plan includes plans for maintaining, replacing and upgrading all assets and will consider factors such as asset performance, risks and costs associated with each asset. Enable will commit to regularly reviewing and updating the AM Plans to ensure they remain current and relevant.	The asset management strategy need to be translated into practical plan(s) so that all parties know how the objectives will be achieved. The development of plan(s) will need to identify the specific tasks and activities required to optimize costs, risks and performance of the assets and/or asset system(s), when they are to be carried out and the resources required.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers.	The organisation's asset management plan(s).

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions	**5**	Asset management plan(s)	How has the organisation communicated its plan(s) to all relevant parties to a level of detail appropriate to the receiver's role in their delivery?	**3**	The AM Plan is communicated to all relevant stakeholders. We disseminate the annual planning processes throughout the organisation to guarantee that our resources are coordinated to fulfil our business plan. A summary of the AM Plan follows to provide a meaningful organisation wide view that can be presented to all audiences.	**3**	Effective communication of the AM Plan is critical to ensure that all stakeholders involved in asset management activities are aware of the objectives and priorities of the asset management program. This includes regular communication and feedback to ensure that everyone is up to date and any issues or challenges can be addressed.	Plans will be ineffective unless they are communicated to all those, including contracted suppliers and those who undertake enabling function(s). The plan(s) need to be communicated in a way that is relevant to those who need to use them.	The management team with overall responsibility for the asset management system. Delivery functions and suppliers.	Distribution lists for plan(s). Documents derived from plan(s) which detail the receivers role in plan delivery. Evidence of communication.
13:Asset Management Capability, Self Assessment Questions	**6**	Asset management plan(s)	How are designated responsibilities for delivery of asset plan actions documented?	**3**	The Head of Asset Investment is responsible for the creation of the Asset Management Plan. Although roles and responsibilities are generally understood, our current AM Plan does not formally document who is responsible for implementation.	**3**	A more detailed approach is required to ensure that all departments are aware of the information required to create the AM Plan. A more repetitive process to be developed for future AM Plans.	The implementation of asset management plan(s) relies on (1) actions being clearly identified, (2) an owner allocated and (3) that owner having sufficient delegated responsibility and authority to carry out the work required. It also requires alignment of actions across the organisation. This question explores how well the plan(s) set out responsibility for delivery of asset plan actions.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team.	The organisation's asset management plan(s). Documentation defining roles and responsibilities of individuals and organisational departments.
13:Asset Management Capability, Self Assessment Questions	**7**	Asset management plan(s)	What has the organisation done to ensure that appropriate arrangements are made available for the efficient and cost effective implementation of the plan(s)?(Note this is about resources and enabling support)	**3**	Asset information has been collected, summarised and documented. As we continue to develop our AM Plan, it becomes evident that further support is required to ensure the relevant information is available.	**3**	To improve the efficiency and effectiveness of the implementation of an Asset Management Plan, there is still the need for a single source of truth. However, Enable maintains a realistic approach, which can be executed efficiently and effectively. Further work is required to address the location of data and access to the data. This has been recognised and work is underway to gain a better view.	It is essential that the plan(s) are realistic and can be implemented, which requires appropriate resources to be available and enabling mechanisms in place. This question explores how well this is achieved. The plan(s) not only need to consider the resources directly required and timescales, but also the enabling activities, including for example, training requirements, supply chain capability and procurement timescales.	The management team with overall responsibility for the asset management system. Operations, maintenance and engineering managers. If appropriate, the performance management team. Where appropriate the procurement team and service providers working on the organisation's asset-related activities.	The organisation's asset management plan(s). Documented processes and procedures for the delivery of the asset management plan.
13:Asset Management Capability, Self Assessment Questions	**8**	Contingency planning	What plan(s) and procedure(s) does the organisation have for identifying and responding to incidents and emergency situations and ensuring continuity of critical asset management activities?	**3**	Enable has an Executive Crisis Guide that provides instructions in relation to a potential or existing disruption to service. There three levels of response: Special Coverage, Event Management and Crisis Governance when a major event occurs. Enable also has a Risk Register managed by a dedicated person with constant reviews undertaken. The focus has been predominantly on Business Continuity.	**3**	Enable has undertaken a review of its Business Continuity Management procedures and documentation. A Business Impact Analysis has been completed, which considers Enables activity and procedures for which continuity planning is required. The end result is an Enable BCM Policy, Crisis and Emergency Management Manual, Central Office and Infrastructure Business Continuity Plan, Head Office, People and Places Business Continuity Plan and an Information Technology Disaster Recovery Plan. A dedicated Risk Manager is has been appointed. The Crisis process has been successfully tested three times this year, once in a business wide training scenario and twice in real life events that have occurred.	Widely used AM practice standards require that an organisation has plan(s) to identify and respond to emergency situations. Emergency plan(s) should outline the actions to be taken to respond to specified emergency situations and ensure continuity of critical asset management activities including the communication to, and involvement of, external agencies. This question assesses if, and how well, these plan(s) triggered, implemented and resolved in the event of an incident. The plan(s) should be appropriate to the level of risk as determined by the organisation's risk assessment methodology. It is also a requirement that relevant personnel are competent and trained.	The manager with responsibility for developing emergency plan(s). The organisation's risk assessment team. People with designated duties within the plan(s) and procedure(s) for dealing with incidents and emergency situations.	The organisation's plan(s) and procedure(s) for dealing with emergencies. The organisation's risk assessments and risk registers.
13:Asset Management Capability, Self Assessment Questions	**9**	Structure, authority and responsibilities	What has the organisation done to appoint member(s) of its management team to be responsible for ensuring that the organisation's assets deliver the requirements of the asset management strategy, objectives and plan(s)?	**3**	The Head of Asset Investment is responsible for the creation of the AM Plan. These roles work collaboratively with Network Delivery, Finance, GIS and data teams.	**3**	Defining areas of responsibility needs to be aligned with the necessary delegated authority, which has largely been an evolving process. Further work is required to clarify lines of communication and decision making.	In order to ensure that the organisation's assets and asset systems deliver the requirements of the asset management policy, strategy and objectives responsibilities need to be allocated to appropriate people who have the necessary authority to fulfil their responsibilities.	Top management. People with management responsibility for the delivery of asset management policy, strategy, objectives and plan(s). People working on asset-related activities.	Evidence that managers with responsibility for the delivery of asset management policy, strategy, objectives and plan(s) have been appointed and have assumed their responsibilities. Evidence may include the organisation's documents relating to its asset management system, organisational charts, job descriptions of post-holders, annual targets/objectives and personal development plan(s) of post-holders as appropriate.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions	**10**	Structure, authority and responsibilities	What evidence can the organisation's top management provide to demonstrate that sufficient resources are available for asset management?	**3**	There is funding available in the coming financial year to provide Asset Management system support. Further investigation is required into whether our GIS system could be utilised to capture asset management data that is not currently available in the GIS. The requirement for adequate resources to be allocated to investment planning for assets, in the future has been highlighted. This includes operational teams and field service contracting arrangements, ensuring that Enable possesses the necessary resources to fulfil the requirements of our asset lifecycle activities.	**3**	AM would benefit from the necessary tools that would allow for future asset management replacement modelling and maintenance monitoring. Work is underway to review possible further use of our GIS Platform for better asset management and to install a Building Management System at each of the Central Offices, that would allow for Enable to better manage sustainability requirements and Climate-related Disclosure responses, colocation requests in relation to power and HVAC system capacity and provide the Facilities Manager with a clearer view of how CO equipment is operating.	Optimal asset management requires top management to ensure sufficient resources are available. In this context the term 'resources' includes manpower, materials, funding and service provider support.	Top management. The management team that has overall responsibility for asset management. Risk management team. The organisation's managers involved in day-to-day supervision of asset-related activities, such as frontline managers, engineers, foremen and chargehands as appropriate.	Evidence demonstrating that asset management plan(s) and/or the process(es) for asset management plan implementation consider the provision of adequate resources in both the short and long term. Resources include funding, materials, equipment, services provided by third parties and personnel (internal and service providers) with appropriate skills competencies and knowledge.
13:Asset Management Capability, Self Assessment Questions	**11**	Structure, authority and responsibilities	To what degree does the organisation's top management communicate the importance of meeting its asset management requirements?	**3**	Presentations have been delivered to Enable staff regarding the goals and priorities involved in asset management. This aims to provide a level of understanding to the wider organisation of asset management.	**3**	Further communication and engagement strategies are required, including company wide communication, awareness sessions to ensure Enable employees understand the importance of asset management and establishing regular internal communication channels to facilitate the sharing of information to the organisation. Enable is wholeheartedly dedicated to elevating our asset management proficiency, and this commitment has been conveyed throughout the organisation.	Widely used AM practice standards require an organisation to communicate the importance of meeting its asset management requirements such that personnel fully understand, take ownership of, and are fully engaged in the delivery of the asset management requirements.	Top management. The management team that has overall responsibility for asset management. People involved in the delivery of the asset management requirements.	Evidence of such activities as road shows, written bulletins, workshops, team talks and management walk-abouts would assist an organisation to demonstrate it is meeting this requirement.
13:Asset Management Capability, Self Assessment Questions	**12**	Outsourcing of asset management activities	Where the organisation has outsourced some of its asset management activities, how has it ensured that appropriate controls are in place to ensure the compliant delivery of its organisational strategic plan, and its asset management policy and strategy?	**3**	The Network Architectural Document has been re-written, apart from this, no further asset management activities have been outsourced at this time.	**3**	Enable will continue to monitor any outsourced work, if required.	Where an organisation chooses to outsource some of its asset management activities, the organisation must ensure that these outsourced process(es) are under appropriate control to ensure that all the requirements of widely used AM standards are in place, and the asset management policy, strategy objectives and plan(s) are delivered. This includes ensuring capabilities and resources across a time span aligned to life cycle management. The organisation must put arrangements in place to control the outsourced activities, whether it be to external providers or to other in-house departments. This question explores what the organisation does in this regard.	Top management. The management team that has overall responsibility for asset management. The manager(s) responsible for the monitoring and management of the outsourced activities. People involved with the procurement of outsourced activities. The people within the organisations that are performing the outsourced activities. The people impacted by the outsourced activity.	The organisation's arrangements that detail the compliance required of the outsourced activities. For example, this could form part of a contract or service level agreement between the organisation and the suppliers of its outsourced activities. Evidence that the organisation has demonstrated to itself that it has assurance of compliance of outsourced activities.
13:Asset Management Capability, Self Assessment Questions	**13**	Training, awareness and competence	How does the organisation develop plan(s) for the human resources required to undertake asset management activities - including the development and delivery of asset management strategy, process(es), objectives and plan(s)?	**3**	Enable has a Head of AM, who regularly collaborates with different departments to gain further assistance.	**3**	The Head of AM continues to improve their necessary skills and competencies required for asset management, through development training and skill enhancement. Other initiatives are also being explored to lift the level of asset management competencies through developing business capability.	There is a need for an organisation to demonstrate that it has considered what resources are required to develop and implement its asset management system. There is also a need for the organisation to demonstrate that it has assessed what development plan(s) are required to provide its human resources with the skills and competencies to develop and implement its asset management systems. The timescales over which the plan(s) are relevant should be commensurate with the planning horizons within the asset management strategy considers e.g. if the asset management strategy considers a 5 year time scale then the human resources development plan(s) should align with this. Resources include both 'in house' and external resources who undertake asset management activities.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of analysis of future work load plan(s) in terms of human resources. Document(s) containing analysis of the organisation's own direct resources and contractors resource capability over suitable timescales. Evidence, such as minutes of meetings, that suitable management forums are monitoring human resource development plan(s). Training plan(s), personal development plan(s), contract and service level agreements.
13:Asset Management Capability, Self Assessment Questions	**14**	Training, awareness and competence	How does the organisation identify competency requirements and then plan, provide and record the training necessary to achieve the competencies?	**3**	Competencies are recorded inside each Position Description.	**3**	Further work is required to identify training plans to address any competency gaps and ensure that any training undertaken is recorded appropriately.	Widely used AM standards require that organisations to undertake a systematic identification of the asset management awareness and competencies required at each level and function within the organisation. Once identified the training required to provide the necessary competencies should be planned for delivery in a timely and systematic way. Any training provided must be recorded and maintained in a suitable format. Where an organisation has contracted service providers in place then it should have a means to demonstrate that this requirement is being met for their employees.	Senior management responsible for agreement of plan(s). Managers responsible for developing asset management strategy and plan(s). Managers with responsibility for development and recruitment of staff (including HR functions). Staff responsible for training. Procurement officers. Contracted service providers.	Evidence of an established and applied competency requirements assessment process and plan(s) in place to deliver the required training. Evidence that the training programme is part of a wider, co-ordinated asset management activities training and competency programme. Evidence that training activities are recorded and that records are readily available (for both direct and contracted service provider staff) e.g. via organisation wide information system or local records database.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions	**15**	Training, awareness and competence	How does the organization ensure that persons under its direct control undertaking asset management related activities have an appropriate level of competence in terms of education, training or experience?	**3**	The Head of Asset Investment has a degree in asset management and will shortly complete an MBA.	**3**	It is necessary for the AM Team to enhance their current knowledge and skill base, as asset management is a changing field that is always evolving, making way for "new" methods.	A critical success factor for the effective development and implementation of an asset management system is the competence of persons undertaking these activities. organisations should have effective means in place for ensuring the competence of employees to carry out their designated asset management function(s). Where an organisation has contracted service providers undertaking elements of its asset management system then the organisation shall assure itself that the outsourced service provider also has suitable arrangements in place to manage the competencies of its employees. The organisation should ensure that the individual and corporate competencies it requires are in place and actively monitor, develop and maintain an appropriate balance of these competencies.	Managers, supervisors, persons responsible for developing training programmes. Staff responsible for procurement and service agreements. HR staff and those responsible for recruitment.	Evidence of a competency assessment framework that aligns with established frameworks such as the asset management Competencies Requirements Framework (Version 2.0); National Occupational Standards for Management and Leadership; UK Standard for Professional Engineering Competence, Engineering Council, 2005.
13:Asset Management Capability, Self Assessment Questions	**16**	Communication, participation and consultation	How does the organisation ensure that pertinent asset management information is effectively communicated to and from employees and other stakeholders, including contracted service providers?	**3**	Information sessions continue to educate the organisation as a whole on what asset management entails. We consistently refine our asset management documentation through collaborative efforts with essential internal stakeholders who oversee their implementation. The individuals accountable for key asset management decisions also assume the responsibility of disseminating this information to their respective departments within the organisation.	**3**	Documenting how the information in relation to the Asset Management Plan, detailing how all parties will be kept informed, inside the AM Plan will assist in ensuring all relevant stakeholders are clear on their roles and responsibilities with respect to asset management information gathering and presentation. This will lead to improved asset performance, increased efficiency and reduced risks and costs.	Widely used AM practice standards require that pertinent asset management information is effectively communicated to and from employees and other stakeholders including contracted service providers. Pertinent information refers to information required in order to effectively and efficiently comply with and deliver asset management strategy, plan(s) and objectives. This will include for example the communication of the asset management policy, asset performance information, and planning information as appropriate to contractors.	Top management and senior management representative(s), employee's representative(s), employee's trade union representative(s); contracted service provider management and employee representative(s); representative(s) from the organisation's Health, Safety and Environmental team. Key stakeholder representative(s).	Asset management policy statement prominently displayed on notice boards, intranet and internet; use of organisation's website for displaying asset performance data; evidence of formal briefings to employees, stakeholders and contracted service providers; evidence of inclusion of asset management issues in team meetings and contracted service provider contract meetings; newsletters, etc.
13:Asset Management Capability, Self Assessment Questions	**17**	Asset Management System documentation	What documentation has the organisation established to describe the main elements of its asset management system and interactions between them?	**3**	Enable has adopted the Institute of Asset Management (IAM) Framework and the ISO 55000 for setting asset management objectives. Our AM documentation has been completed, with a review to be undertaken.	**3**	A review process continues to identify any missing elements that need to be documented.	Widely used AM practice standards require an organisation maintain up to date documentation that ensures that its asset management systems (i.e., the systems the organisation has in place to meet the standards) can be understood, communicated and operated.	The management team that has overall responsibility for asset management. Managers engaged in asset management activities.	The documented information describing the main elements of the asset management system (process(es)) and their interaction.
13:Asset Management Capability, Self Assessment Questions	**18**	Information management	What has the organisation done to determine what its asset management information system(s) should contain in order to support its asset management system?	**3**	Further work is required to review which Asset Management System would be the most beneficial to Enable, as there are currently multiple locations that contain asset management information.	**3**	To determine the Asset Management System best suited to Enable, information gathering has been undertaken to identify the types of assets that Enable manage and the information that is required for each asset. Further work is required to ensure Enable choose the right system, as we are in the process of updating our Layer 2 systems and IT operations systems.	Effective asset management requires appropriate information to be available. Widely used AM standards therefore require the organisation to identify the asset management information it requires in order to support its asset management system. Some of the information required may be held by suppliers. The maintenance and development of asset management information systems is a poorly understood specialist activity that is akin to IT management but different from IT management. This group of questions provides some indications as to whether the capability is available and applied. Note: To be effective, an asset information management system requires the mobilisation of technology, people and process(es) that create, secure, make available and destroy the information required to support the asset management system.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Operations, maintenance and engineering managers	Details of the process the organisation has employed to determine what its asset information system should contain in order to support its asset management system. Evidence that this has been effectively implemented.
13:Asset Management Capability, Self Assessment Questions	**19**	Information management	How does the organisation maintain its asset management information system(s) and ensure that the data held within it (them) is of the requisite quality and accuracy and is consistent?	**3**	Data is held in various repositories, depending on the asset type and hierarchy, as well as the information required about the asset on a daily basis.	**3**	Data integrity is currently being managed through Power BI reporting out of our GIS system. More work is required to define the data requirements and elements Enable needs to collect, including the asset's condition, location, lifecycle and maintenance history, which needs collating so that records are not duplicated and one source of truth is held, as much as possible.	The response to the questions is progressive. A higher scale cannot be awarded without achieving the requirements of the lower scale. This question explores how the organisation ensures that information management meets widely used AM practice requirements.	The management team that has overall responsibility for asset management. Users of the organisational information systems.	The asset management information system, together with the policies, procedure(s), improvement initiatives and audits regarding information controls.
13:Asset Management Capability, Self Assessment Questions	**20**	Information management	How has the organisation's ensured its asset management information system is relevant to its needs?	**3**	Asset information is becoming easier to determine and report on. Assets now have a reporting mechanism, depending on their type, e.g. Power BI reporting generating a report based on our Gtech GIS system.	**3**	Now that all assets have been identified further work is required to verify the location of data and the frequency of data updates. Further work is required to improve data quality and functionality. Decisions will be made on what is the best way forward for storage of the various asset groups.	Widely used AM standards need not be prescriptive about the form of the asset management information system, but simply require that the asset management information system is appropriate to the organisations needs, can be effectively used and can supply information which is consistent and of the requisite quality and accuracy.	The organisation's strategic planning team. The management team that has overall responsibility for asset management. Information management team. Users of the organisational information systems.	The documented process the organisation employs to ensure its asset management information system aligns with its asset management requirements. Minutes of information systems review meetings involving users.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions	**21**	Risk management process(es)	How has the organisation documented process(es) and/or procedure(s) for the identification and assessment of asset and asset management related risks throughout the asset life cycle?	**3**	Enable is undertaking a refresh this year of identifying and assessing its strategic and operational risks. An updated Risk Management framework was adopted in February to assist in this process, with both levels of risk captured in respective risk registers e.g. at a strategic level, the following two risks have been identified in relation to AM - Key Suppliers and Asset Management and Network Resilience. Within these two risks, key mitigations were identified and assessed for their effectiveness e.g. Resilient Architecture, AM lifecycle management adopted, AM maturity assessment.	This financial year will be engaging an external consultant to review our AM approach. Once completed, where opportunities for improvement are identified, we will prioritise and action accordingly. We will also be reviewing our climate-related risk register to challenge our thinking/assumptions on the different climate-related hazards that affect our network assets e.g. sea level rise, flooding, extreme weather events, and the assessments applied to adaptive capacity, sensitivity and exposure.	Risk management is an important foundation for proactive asset management. Its overall purpose is to understand the cause, effect and likelihood of adverse events occurring, to optimally manage such risks to an acceptable level, and to provide an audit trail for the management of risks. Widely used standards require the organisation to have process(es) and/or procedure(s) in place that set out how the organisation identifies and assesses asset and asset management related risks. The risks have to be considered across all phases of the asset lifecycle.	The top management team in conjunction with the organisation's senior risk management representatives. There may also be input from the organisation's Safety, Health and Environment team. Staff who carry out risk identification and assessment.	The organisation's risk management framework and/or evidence of specific process(es) and/ or procedure(s) that deal with risk control mechanisms. Evidence that the process(es) and/or procedure(s) are implemented across the business and maintained. Evidence of agendas and minutes from risk management meetings. Evidence of feedback in to process(es) and/or procedure(s) as a result of incident investigation(s). Risk registers and assessments.
13:Asset Management Capability, Self Assessment Questions	**22**	Use and maintenance of asset risk information	How does the organisation ensure that the results of risk assessments provide input into the identification of adequate resources and training and competency needs?	**3**	Enable now has in place a structured approach to allocating resources and developing the necessary skills and knowledge to manage risk effectively, especially in the project management space e.g. where there are resource gaps and lack of competency internally for our bigger projects, contractors are used to fill this void.	**3**	Enable will continue to apply its structured approach to allocating resources and developing the necessary skills and knowledge to manage risk effectively.	Widely used AM standards require that the output from risk assessments are considered and that adequate resource (including staff) and training is identified to match the requirements. It is a further requirement that the effects of the control measures are considered, as there may be implications in resources and training required to achieve other objectives.	Staff responsible for risk assessment and those responsible for developing and approving resource and training plan(s). There may also be input from the organisation's Safety, Health and Environment team.	The organisations risk management framework. The organisation's resourcing plan(s) and training and competency plan(s). The organisation should be able to demonstrate appropriate linkages between the content of resource plan(s) and training and competency plan(s) to the risk assessments and risk control measures that have been developed.
13:Asset Management Capability, Self Assessment Questions	**23**	Legal and other requirements	What procedure does the organisation have to identify and provide access to its legal, regulatory, statutory and other asset management requirements, and how is requirements incorporated into the asset management system?	**3**	Enable runs an annual Legal Compliance Program, which has been in place for the past 10 plus years. This is a software-based programme called ComplyWith that ensures that any new and amended legislation that is relevant to our asset management system or business is added to our annual compliance programme.	**3**	Our legislative compliance software (ComplyWith) allows for notifications to be sent to the Head of Asset Investment where there is new or amended legislation affecting our asset management system. In addition, new or amended legislative requirements will be picked up in our annual legal compliance programme.	In order for an organisation to comply with its legal, regulatory, statutory and other asset management requirements, the organisation first needs to ensure that it knows what they are. It is necessary to have systematic and auditable mechanisms in place to identify new and changing requirements. Widely used AM standards also require that requirements are incorporated into the asset management system (e.g. procedure(s) and process(es))	Top management. The organisations regulatory team. The organisation's legal team or advisors. The management team with overall responsibility for the asset management system. The organisation's health and safety team or advisors. The organisation's policy making team.	The organisational processes and procedures for ensuring information of this type is identified, made accessible to those requiring the information and is incorporated into asset management strategy and objectives
13:Asset Management Capability, Self Assessment Questions	**24**	Life Cycle Activities	How does the organisation establish implement and maintain process(es) for the implementation of its asset management plan(s) and control of activities across the creation, acquisition or enhancement of assets. This includes design, modification, procurement, construction and commissioning activities?	**3**	Different asset groups and types have varying related activities depending on whether they are Layer 0, Layer 1 or Layer 2 assets and are managed by various teams. We have established effective project management and technical standards that are organised and managed through SharePoint, Dynamics and investments in asset lifecycle are integrated into our business planning procedures. This gives us confidence in our ability to diligently monitor and control project costs.	**3**	Enable continues to work alongside Civtec (our contracting partner) as "Switch" to ensure that input equals output and that the correct information is recorded. This includes continual improvement the establishment framework, training and monitoring.	Life cycle activities are about the implementation of asset management plan(s) i.e. they are the "doing" phase. They need to be done effectively and well in order for asset management to have any practical meaning. As a consequence, widely used standards require organisations to have in place appropriate process(es) and procedure(s) for the implementation of asset management plan(s) and control of lifecycle activities. This question explores those aspects relevant to asset creation.	Asset managers, design staff, construction staff and project managers from other impacted areas of the business, e.g. Procurement	Documented process(es) and procedure(s) which are relevant to demonstrating the effective management and control of life cycle activities during asset creation, acquisition, enhancement including design, modification, procurement, construction and commissioning.
13:Asset Management Capability, Self Assessment Questions	**25**	Life Cycle Activities	How does the organisation ensure that process(es) and/or procedure(s) for the implementation of asset management plan(s) and control of activities during maintenance (and inspection) of assets are sufficient to ensure activities are carried out under specified conditions, are consistent with asset management strategy and control cost, risk and performance?	**3**	Switch (Civtec) inspects work in the field and reports back to Enable. The Central Offices have maintenance strategies in place to ensure the network is not put at risk. We oversee the actions and effectiveness of our third-party contracted personnel to guarantee that the maintenance and inspection of our assets align with our operational and risk protocols. In our agreements with service providers, we incorporate explicit contractual provisions to establish clear expectations for all parties involved in the operation and maintenance of our assets.	**3**	There are clearly defined processes and procedures for field inspections and work is not signed off until work is completed to standard. Work is currently underway to clarify maintenance work requirements in the Central Offices, as Enable has changed its processes in recent times. Further work is required to monitor process and procedures and identify any areas that need improvement.	Having documented process(es) which ensure the asset management plan(s) are implemented in accordance with any specified conditions, in a manner consistent with the asset management policy, strategy and objectives and in such a way that cost, risk and asset system performance are appropriately controlled is critical. They are an essential part of turning intention into action.	Asset managers, operations managers, maintenance managers and project managers from other impacted areas of the business	Documented procedure for review. Documented procedure for audit of process delivery. Records of previous audits, improvement actions and documented confirmation that actions have been carried out.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions	**26**	Performance and condition monitoring	How does the organisation measure the performance and condition of its assets?	**3**	Enable now has the NOC (Network Operations Centre) running out of Nokia. The NOC manages the performance of the network through Layer 2 (Network Technology Layer). Enable possess clear visibility into the network's performance, encompassing aspects like meeting demand patterns, network utilisation, service performance standards, and faults. The Central Office assets are managed by the Facilities Manager who applies the asset life and continuously manages the asset condition and performance. The Layer Zero (physical network) is mostly run to fail, with no condition rating applied as they are still relatively young assets.	**4**	Enable is implementing a proactive and comprehensive Building Management System at each Central Office, that will provide monitoring of the Central Office racks. This will provide the data required to evaluate and forecast future CoLo growth and whether or not our HVAC and power systems are adequate. Enable is continuing to invest in technology and data analytics to improve the accuracy and timeliness of performance data, as well as real-time monitoring of assets. From a Layer 0 and Layer 1 prospective, we are now able to view our assets through Power BI from our GIS system. This has given Enable employees the ability to access information when required and not waste time searching for information.	Widely used AM standards require that organisations establish implement and maintain procedure(s) to monitor and measure the performance and/or condition of assets and asset systems. They further set out requirements in some detail for reactive and proactive monitoring, and leading/lagging performance indicators together with the monitoring or results to provide input to corrective actions and continual improvement. There is an expectation that performance and condition monitoring will provide input to improving asset management strategy, objectives and plan(s).	A broad cross-section of the people involved in the organisation's asset-related activities from data input to decision-makers, i.e. an end-to end assessment. This should include contactors and other relevant third parties as appropriate.	Functional policy and/or strategy documents for performance or condition monitoring and measurement. The organisation's performance monitoring frameworks, balanced scorecards etc. Evidence of the reviews of any appropriate performance indicators and the action lists resulting from these reviews. Reports and trend analysis using performance and condition information. Evidence of the use of performance and condition information shaping improvements and supporting asset management strategy, objectives and plan(s).
13:Asset Management Capability, Self Assessment Questions	**27**	Investigation of asset-related failures, incidents and nonconformities	How does the organisation ensure responsibility and the authority for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformances is clear, unambiguous, understood and communicated?	**3**	We have firmly established procedures for addressing and handling faults and incidents. Faults are promptly attended to through the use of system alarms and notifications. Critical system faults are swiftly escalated to service providers to expediate repair times. There are three levels of escalation, depending on the number of customers impacted. Work is underway to provide guidance on all levels.	**3**	Enable has undertaken Business Continuity Management Enhancement Project, aimed updating all relevant documentation. This has included the creation of an Enable BCM Policy Document, Crisis and Emergency Management Manual, Central Office and Infrastructure Business Continuity Plan, Head Office - People and Places Business Continuity Plan and an Information Technology Disaster Recovery Plan. This is now at the stage where it can be delivered to functional heads.	Widely used AM standards require that the organisation establishes implements and maintains process(es) for the handling and investigation of failures incidents and non-conformities for assets and sets down a number of expectations. Specifically this question examines the requirement to define clearly responsibilities and authorities for these activities, and communicate these unambiguously to relevant people including external stakeholders if appropriate.	The organisation's safety and environment management team. The team with overall responsibility for the management of the assets. People who have appointed roles within the asset-related investigation procedure, from those who carry out the investigations to senior management who review the recommendations. Operational controllers responsible for managing the asset base under fault conditions and maintaining services to consumers. Contractors and other third parties as appropriate.	Process(es) and procedure(s) for the handling, investigation and mitigation of asset-related failures, incidents and emergency situations and non conformances. Documentation of assigned responsibilities and authority to employees. Job Descriptions, Audit reports. Common communication systems i.e. all Job Descriptions on Internet etc.
13:Asset Management Capability, Self Assessment Questions	**28**	Audit	What has the organisation done to establish procedure(s) for the audit of its asset management system (process(es))?	**3**	Enable conducts audits as part of the Annual Statutory Audit, in strict adherence to our established governance procedures for investment planning and program delivery. Internal reviews have been conducted to gain insights on enhancing our asset management proficiency.	**3**	The audit procedures are applied to our network asset data. Both internal and external audits are conducted to ensure compliance and effectiveness.	This question seeks to explore what the organisation has done to comply with the standard practice AM audit requirements.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit teams, together with key staff responsible for asset management. For example, Asset Management Director, Engineering Director. People with responsibility for carrying out risk assessments	The organisation's asset-related audit procedure(s). The organisation's methodology(s) by which it determined the scope and frequency of the audits and the criteria by which it identified the appropriate audit personnel. Audit Schedules, reports etc. Evidence of the procedure(s) by which the audit results are presented, together with any subsequent communications. The risk assessment Schedule or risk registers.
13:Asset Management Capability, Self Assessment Questions	**39**	Corrective & Preventative action	How does the organisation instigate appropriate corrective and/or preventive actions to eliminate or prevent the causes of identified poor performance and non-conformance?	**3**	For Physical and Layer 1 assets, all maintenance and inspection tasks are carried out by designated service providers, adhering to the stipulated contractual obligations. Regarding Layer 2 assets, defects are categorised based on the number of affected customers, determining their priority for resolution. It is important to note that faults and defects are classified separately to avoid any potential confusion with customer complaints. Corrective actions are taken to address existing problems and non conformance, which include, investigating the problem, documenting the findings and communicating these to the relevant stakeholders, developing a plan to address the issue and continue to monitor.	**3**	Our aim is to continually enhance our network reliability in line with our customer regulatory requirements. This approach aims to emphasise proactive measures over reactive ones, ultimately leading to more effective prevention of issues. We currently conduct risk assessments to identify potential problems and issues to prevent them from occurring.	Having investigated asset related failures, incidents and non-conformances, and taken action to mitigate their consequences, an organisation is required to implement preventative and corrective actions to address root causes. Incident and failure investigations are only useful if appropriate actions are taken as a result to assess changes to a businesses risk profile and ensure that appropriate arrangements are in place should a recurrence of the incident happen. Widely used AM standards also require that necessary changes arising from preventive or corrective action are made to the asset management system.	The management team responsible for its asset management procedure(s). The team with overall responsibility for the management of the assets. Audit and incident investigation teams. Staff responsible for planning and managing corrective and preventive actions.	Analysis records, meeting notes and minutes, modification records. Asset management plan(s), investigation reports, audit reports, improvement programmes and projects. Recorded changes to asset management procedure(s) and process(es). Condition and performance reviews. Maintenance reviews

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management Capability, Self Assessment Questions	**30**	Continual Improvement	How does the organisation achieve continual improvement in the optimal combination of costs, asset related risks and the performance and condition of assets and asset systems across the whole life cycle?	**3**	A Forty Year CAPEX Plan has been developed as the first stage of assessing the network assets across the whole life cycle. This is the first time Enable has had the ability to see such a long term aspect of what the network is going to cost Enable to continue to run and replace in the future. A new AM Plan for the next 10 years is has also been completed.	**3**	Enable will continue to develop more accurate and appropriate metrics and KPIs, identifying areas for improvement.	Widely used AM standards have requirements to establish, implement and maintain process(es)/procedure(s) for identifying, assessing, prioritising and implementing actions to achieve continual improvement. Specifically there is a requirement to demonstrate continual improvement in optimisation of cost risk and performance/condition of assets across the life cycle. This question explores an organisation's capabilities in this area—looking for systematic improvement mechanisms rather that reviews and audit (which are separately examined).	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. Managers responsible for policy development and implementation.	Records showing systematic exploration of improvement. Evidence of new techniques being explored and implemented. Changes in procedure(s) and process(es) reflecting improved use of optimisation tools/techniques and available information. Evidence of working parties and research.
13:Asset Management Capability, Self Assessment Questions	**31**	Continual Improvement	How does the organisation seek and acquire knowledge about new asset management related technology and practices, and evaluate their potential benefit to the organisation?	**3**	Work has been undertaken to connect with other NZ fibre providers, TCF and other infrastructure providers to assess what different organisations are using, what they believe is worth keeping or not keeping in place. Enable is also part of the Telecommunications Forum, providing access to another level of technical knowledge.	**3**	Enable is actively seeking out new ideas and evaluating their effectiveness. More work is required to establish clear goals giving us the ability to research best practices and new ideas. An Asset Management Team has been set up by Enable in CCHL to create the forum for future communication and sharing of information.	One important aspect of continual improvement is where an organisation looks beyond its existing boundaries and knowledge base to look at what 'new things are on the market'. These new things can include equipment, process(es), tools, etc. An organisation which does this will be able to demonstrate that it continually seeks to expand its knowledge of all things affecting its asset management approach and capabilities. The organisation will be able to demonstrate that it identifies any such opportunities to improve, evaluates them for suitability to its own organisation and implements them as appropriate. This question explores an organisation's approach to this activity.	The top management of the organisation. The manager/team responsible for managing the organisation's asset management system, including its continual improvement. People who monitor the various items that require monitoring for 'change'. People that implement changes to the organisation's policy, strategy, etc. People within an organisation with responsibility for investigating, evaluating, recommending and implementing new tools and techniques, etc.	Research and development projects and records, benchmarking and participation knowledge exchange professional forums. Evidence of correspondence relating to knowledge acquisition. Examples of change implementation and evaluation of new tools, and techniques linked to asset management strategy and objectives.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models

Section	Question No.	Function	Standard Ref. (For guidance only)	Scope/purpose of description	Evidence - Summary	User Guidance	Description of Practices
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**32**	Describe how the business plans to systematise processes for collecting and collating network asset data, including data supplied by contractors and other third parties (note - target score and initiatives must be reported under 25 above).	ISO 55002, 7.5	Describe whether asset condition information is being captured in its systems in a consistent way so that when the data is extracted, it is meaningful and reliable. Describe what it has put in place by way of processes to achieve this, including how the business intends to ensure consistent and systematic data collection from third party providers who may be engaged in maintenance activities.	Central Office assets are currently the only assets where condition is routinely assessed as part of the maintenance schedule.	N/A	All data in relation to Central Offices has been collected in a SharePoint Site Sustain Asset Register and is managed by the Facilities Manager. These are assets that do not currently sit within our GTech (Hexagon Core) GIS System. This Site Sustain has been created to fill the gaps that exist within our collected data and to provide an up to date register to be imported into AM Software. Regular assessment of Central Office equipment and replacement is based on useful life, age and usage. Enable does not condition rate the Field Network. The Site and Field Sustain Register also provides for maintenance schedules, make/brand, model and all relevant information pertinent to the maintenance and replacement of each asset type. All new network information is managed by the Network Delivery Team, and largely inputted by the Civtec Design Team, as they complete new builds and installs.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**33**	Describe how the business plans to improve knowledge of network asset condition so that assets are replaced in a timely manner (note - target score and initiatives must be reported under 25 above).	ISO 55000, 6.2	Asset replacement decision making should be a key asset management objective and it should be informed by asset condition data to ensure assets are not replaced to late or too early. Asset condition based decision making also supports expenditure forecasts and reliable asset management plans	Asset condition is only applied to Central Office assets and not yet applied to field assets. As our network is relatively new, asset life is used as our replacement initiative. No other condition rating systems are applied to the Layer 0 Field Assets or Layer 1 Field Assets. Layer 2 Assets have a very short life of 8 years. Enable is currently in the process of replacing these. As these are technology assets that require updating regularly, no condition assessment is required.	N/A	An AM Software or system will allow Enable to model asset replacement at the Central Offices, which is reactive and based on useful life and condition (via maintenance). A Building Management System is being installed at each Central Office that will capture power usage, HVAC monitoring and temperature readings at a building level and a rack level, allowing us to determine what is required to provide colocation requests. This will also feed into our GHG emissions reporting requirements. Event modelling (storms, earthquakes etc.) are being introduced to provide better decision-making capabilities and assist in identifying critical infrastructure and reliance on other infrastructure providers, as part of our response to identifying critical infrastructure.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**34**	Describe how the business plans to, where appropriate, develop and improve asset health models so that they are informed by network asset condition data. (note - target score and initiatives must be reported under 25 above)	ISO 55002, 6.2	Asset health models are key to ensuring that asset replacements can be made in a timely manner and that expenditure forecasts are more robust. In some cases age-based volumetric models, informed by asset outage rates may be more appropriate but where asset health models can be reasonably developed, they should be.	Through the update of our Hexagon GTech system we aim to further improve our asset data.	N/A	Asset information is currently stored in different formats according to the particular requirements of the asset. Some software holds the GIS and provisioning information, whereby the financial information is housed separately. The aim is to bring all asset information into a "One Source of Truth" view. A program of work has been identified to identify where the current asset information is held is a direct link - as many systems and updates are underway.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**35**	Describe how the business plans to ensure that there is a clear line-of-sight from asset condition data through to the expenditure forecasts and financial reporting. (note - target score and initiatives must be reported under 25 above).	ISO 55002, 9.1	Systematised asset management systems should ensure that there is consistency and traceability of technical asset information and condition data, through to the financial systems. This will support robust expenditure forecasting and decision making. This is consistent with ISO 55002 section 9.1	Asset condition data is currently limited to the Central Offices.	N/A	Work is underway to identify the best fit AM software or system for the organisation. A system that will either live inside our Hexagon GIS Product or connect to our Hexagon GIS Product. The GIS holds most of our asset network, but is also used for network provisioning.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**36**	Describe how it plans to ensure it has an audited and regularly-maintained platform for sharing network asset data with internal and external stakeholders	ISO 55002, 2.5 and 8.3.2 (e)	Ensuring that asset and network data is verifiably accurate and enabling platforms for accessing that data made available to internal staff and third party providers will improve asset management outcomes.	Enable has its fibre network inside GTech GIS System that is available to our partner, Civtec.	N/A	All relevant parties are inducted in accessing and using Enable systems to record information. Civtec (Switch) now work within Enable systems and vice versa. Maps and Sharepoint, as well as many other shared resources available.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**37**	Describe how the business plans to test its asset and network performance, evaluate whether it is achieving its asset management policies and objectives, and identify ways to improve the performance of its network.	ISO 55000, 9.1	The asset management system should use monitored and measured data to obtain information regarding asset and network performance. This should be used to evaluate whether the asset management policies and objectives are being met, and identify corrective actions and areas for improvement.	ISO 55001 9.1 Monitoring, measurement, analysis and evaluation. Quotes sought for Building Management Systems, measuring power consumption, solar power delivered back to the grid, temperature at the ceiling and floor level of each room, HVAC power and gas usage. Rack power monitoring is the next phase.	N/A	The network performance is managed by the NOC. In terms of network performance initiatives, Enable is in the process of upgrading all of the Layer 2 network.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**38**	Describe how the business intends to develop its asset criticality understanding, and how this informs its asset replacement and renewal strategies.	ISO 55002, 6.2.2.3 and 6.2.2.4	Understanding asset criticality and the impact that asset has on supply reliability if it fails is a key input into intervention prioritisation.	Asset classes are identified, grouped and placed in hierarchy. Assets are given a unique identifier and an asset life is applied to each asset. Installation year has been applied to generate a Remaining Useful Life and a date of replacement. A unit rate, installation rate and inflation has been applied to each asset, in order to calculate Current Replacement Cost and model replacement programs.	N/A	The recent events around the country have highlighted the direct link between Enable Fibre and Orion (power). Further assessment of methods of identifying critical assets is being undertaken with Urban Intelligence and within our own GIS Platform, Hexagon Core (GTech). Further investigation and verification of the data is required and how this data will be displayed. Enable is awaiting further direction from CCHL on how to proceed, as Orion is currently working with Urban Intelligence to document their network and critical assets.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**39**	Describe how the business intends to improve its network asset risk framework so it can make risk-based decisions, including where appropriate, risk-based decisions based on reliability risk, environmental risk, high-impact low-probability event risk, and safety risk.	ISO 55002, 6.2.2.3 and 6.2.2.4	The risk spectrum includes a wide range of risk considerations such as expected event risk, due to asset reliability events, through to unexpected HILP events that may involve multi-asset long duration outages for events such as earthquakes or floods. Safety risk involves asset failures in the proximity of staff or the public, and environmental risk may involve asset failure that has an environmental impact. A comprehensive risk framework will provide a platform for these risk considerations to inform risk mitigation strategies and expenditure decisions.	As mentioned in Line 21, this financial year we will be engaging an external consultant to review our AM approach. Part of this review will look at our network asset risk framework and provide recommendations for improvement where required.	N/A	As an example, in the external review of our network asset risk framework, we have already identified which assets are critical. In the event of a disruptive event, we have invested in geo diverse pathways to provide further path resilience to our network - the review will provide an opinion on the risk assessment methodology applied to arrive at that investment decision.

SCHEDULE 13: REPORT ON ASSET MANAGEMENT CAPABILITY

13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**40**	Describe how the business is developing practices to identify and mitigate safety risks, including the use of a framework such as ALARP to prioritise identified safety risks and to justify investments to mitigate those risks.	ISO 55002, 6.2.2.3 and 6.2.2.4 and clause 22 of the Health and Safety at Work Act 2015	Risk calculations related to safety risk should be sufficiently explicit for decision makers to understand relative asset and network related safety risks, risk prioritisation, and the economic decision making surrounding mitigations if these are to provide risk controls above levels required by network design standards and statutory requirements.	Enable and Civtec (Enables main civil contractor) both have safety management systems in place that include the identification and assessment of hazards and their associated risks for their respective areas of operations. We take into consideration the key principles of Health and Safety in Design when we are looking at network design, redesign or modification of a design.	N/A	Enable and Civtec have a process in place to identify, assess, and mitigate hazards and associated risks to what is deemed "reasonably practicable". If a hazard has been assessed as "critical", a more robust high-level assessment takes place in the form of a bowtie. In implementing controls, the hierarchy of controls is adopted to ensure we consider whether it is possible to implement the highest of level of control first and then the subsequent levels beneath before automatically defaulting to administrative and PPE controls. Where a control requires significant investment, a business case is required to be submitted to SLT for approval, and if necessary, to the Board if the cost of investment is beyond the delegated authority of the CEO. Before submitting a business case, Section 22 of the HSWA is required to be taken into consideration. W.R.T. to adopting Health and Safety in Design principles, we have a requirement that all design specifications are peer reviewed.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**41**	Describe how the business plans to routinely audit, update, and manage its cost estimation models.		Project and programme costs estimation is a key component of robust asset and project investment decision making.	Installation Costs are reviewed monthly and updated in cost estimation models as part of regular re-forecasting process.	N/A	Enable and Civtec review quarterly rate cards used in transactional expenditure. Where the work is a projects these have a scope of works issued and then the project manager reviews the project to this scope of work during its lifecycle. Where variations are due to rate movements as opposed to scope changes these are fed into next rate review process.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**42**	Describe how the business plans use actual costs of completed capital expenditure and operating expenditure projects and programmes, to improve future cost estimates.		Using actual project and programme costs to review estimates will help ensure that future forecasts are likely to be more accurate and drive efficiencies.	Installation Costs are reviewed monthly and updated in cost estimation models as part of regular re-forecasting process	N/A	Enable and Civtec review quarterly rate cards used in transactional expenditure. Where the work is a projects these have a scope of works issued and then the project manager reviews the project to this scope of work during its lifecycle. Where variations are due to rate movements as opposed to scope changes these are fed into next rate review process.
13:Asset Management capability, Description of Practices for Collecting and Managing Network Asset Data, Making Risk-Based Decisions and Managing Cost Estimation Models	**43**	Describe how the business plans to ensure capital expenditure and operating expenditure projects and programmes are efficiently delivered and implemented, and meet applicable industry standards.			Network design projects are completed to architecture standards and build projects are completed to agreed build standards	N/A	As part of a project there is regular monitoring of delivery standards. On completion projects go through a sign off process which includes User Acceptance Testing where Network development.