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| --- | --- | --- |
| At a glance | **1** | This document provides additional context around the information requested in the RfI Response Template G. |

CONFIDENCE GRADES

1. This RfI includes a confidence grading system which requires each Local Authority to apply a level of confidence to each request.
2. The confidence grade system has been developed to provide a reasoned basis for Local Authorities to qualify information in respect to reliability and accuracy. It is essential that proper care and a high level of application is given to the assignment of confidence grades to data requiring such annexation.
3. There are two elements to the confidence grades:
* Reliability bands (A to D); and
* Accuracy bands (1 to 6).
1. The reliability bands are assigned according to the source of the information.

| **Reliability Band** | **Description** |
| --- | --- |
| A | Sound textual records, procedures, investigations or analysis properly documented and recognised as the best method of assessment. |
| B | As A but with minor shortcomings. Examples include old assessment, some missing documentation, some reliance on unconfirmed reports, some use of extrapolation. |
| C | Extrapolation from limited sample for which Grade A or B data is available. |
| D | Unconfirmed verbal reports, cursory inspections or analysis. |

1. Accuracy bands provide the margin of error around the central estimate.

|  |  |  |
| --- | --- | --- |
| **Accuracy Band** | **Accuracy to or within +/-** | **but outside +/-** |
| 1 | 1% | - |
| 2 | 5% | 1% |
| 3 | 10% | 5% |
| 4 | 25% | 10% |
| 5 | 50% | 25% |
| 6 | 100% | 50% |
| X | Accuracy outside +/- 100 %, zero or small numbers or otherwise incompatible, see example below. |

1. The X grade is generally only likely to be appropriate where a zero has been entered.
2. The overall confidence grade is a combination of the reliability and accuracy band. For example:
* A2: Data based on sound records etc. (A, highly reliable) and estimated to be within +/- 5% (accuracy band 2);
* C4: Data based on extrapolation from a limited sample (C, unreliable) and estimated to be within +/- 25% (accuracy band 4);
* AX: Data based on sound records etc. (A, highly reliable) but value too small to calculate any meaningful accuracy percentage.
1. The table below provides a list of compatible confidence grades.

|  |
| --- |
| **Compatible Confidence Grades** |
| **Accuracy Band** | **Reliability Band** |
|  | A | B | C | D |
| 1 | A1 |  |  |  |
| 2 | A2 | B2 | C2 |  |
| 3 | A3 | B3 | C3 | D3 |
| 4 | A4 | B4 | C4 | D4 |
| 5 |  |  | C5 | D5 |
| 6 |  |  |  | D6 |
| X | AX | BX | CX | DX |

1. As shown in the table above, certain reliability and accuracy band combinations are considered to be incompatible – for example, D1 or D2.
2. When selecting a confidence grade from the drop-down boxes provided in the template, it would be appreciated if each Local Authority could add explanatory comments for responses with lower confidence levels in the Comments field.

GLOSSARY

|  |  |
| --- | --- |
| **Growth** | To meet demand for services from new and existing customers by providing new assets or increasing the capacity of existing assets. This would include providing new distribution and wastewater assets to new customers, the provision of first-time water or wastewater services to existing housing, and the provision of new assets to meet the increased use of water by existing customers. |
| **Quality Enhancement** | This includes the provision of new assets or the enhancement of existing assets to achieve improvements in performance in line with new or enhanced legal requirements. |
| **Base Service (Renewals)** | This comprises the ‘capital maintenance’ expenditure necessary for the maintenance of existing service levels to customers including capitalised base expenditure, non-infrastructure and infrastructure asset renewal. |

SECTION G: INVESTMENT PLAN

Purpose

1. The objective of SECTION G is to enable the Local Authority to present a project level breakdown of its capital expenditure programme showing the actual expenditure for the Report Year and updated forecasts for the future years.

Guidance

1. The financial basis for any year is to be the same as that used for the Local Authority’s published audited Annual Accounts; i.e. the gross value of work carried out in the period. Accordingly, the total of the submitted investment data for each Report Year will equal the Asset Additions, including work in progress, in the Balance Sheet for that year.
2. Forecast information should be based on Annual Plans and Long Term Plans and should be reported in nominal terms (i.e. including projected inflation). Please provide the capital price inflation assumptions in Table G5.

Proportional allocation of expenditure.

1. Capital expenditure needs to be related to the investment purposes – Growth, Quality Enhancement and Base Service.
	* **Growth**: To meet demand for services from new and existing customers by providing new assets or increasing the capacity of existing assets. This would include providing new distribution and wastewater assets to new customers, the provision of first-time water or wastewater services to existing housing, and the provision of new assets to meet the increased use of water by existing customers.
	* **Quality Enhancement**: This includes the provision of new assets or the enhancement of existing assets to achieve improvements in performance in line with new or enhanced legal requirements.
	* **Base Service**: This comprises the ‘capital maintenance’ expenditure necessary for the maintenance of existing service levels to customers including capitalised base expenditure, non-infrastructure and infrastructure asset renewal.
2. Where a project meets several business objectives, outputs or asset types, it is necessary to proportion expenditure by applying clear rules. The company needs to develop its own methodologies for analysis of projects.
3. Example:

An overloaded water treatment plant with a capacity of 100,000 population equivalent needs an estimated $1m expenditure to replace assets to meet current standards. New Quality obligations requires additional processes and rationalisation of the works, with a total estimated $5m project cost, which includes an additional capacity of 25,000 pe.

Purpose categorisation: Base Service, Quality and Growth.

Proportion to Base Service: £1m

Proportion to growth = $\frac{\$5m\*25,000}{125,000}=\$1m$

Proportion to quality $5m – $1m – $1m = $3m

Asset categories

1. **Infrastructure assets**: Long lived assets being a specific asset or group of assets operating as a network, required to operate effectively in perpetuity and generally used for the distribution of potable water or collection of wastewater and stormwater which are not subject to technical change. These include:
	* Dams, reservoirs and associated assets
	* Raw water aqueducts
	* Water trunk and distribution mains
	* Wastewater
	* Wastewater pumping mains
	* Wastewater outfalls
	* Studies and Investigations related to infrastructure assets
2. **Non-infrastructure assets**: These are specialised assets, usually of short to medium life generally used for the production of water and treatment of wastewater. These assets have reasonably defined lives and are likely to be impacted by technological change. These include:
	* Boreholes
	* Water pumping stations
	* Water treatment plant
	* Wastewater pumping stations
	* Wastewater treatment plants
	* Sludge treatment and disposal facilities
3. **Other**: This category relates to expenditure not directly associated with either infrastructure or non-infrastructure such as corporate IT systems for finance, call handling etc. or capital expenditure associated with corporate branding. It should not include expenditure associated with system wide projects such as GIS systems or studies, which should be allocated to the infrastructure and non-infrastructure categories on a proportionate basis.

Inflation

1. The Local Authority should state in the commentary any inflation assumptions used in the construction of these tables.

TABLE G1: SUMMARY – WATER, WASTEWATER AND STORMWATER SERVICES

BLOCK 1: CATEGORISATION BY FUNCTION

(i) Growth (Additional Demand)

|  |  |  |
| --- | --- | --- |
| **G1.1** | **Total Growth capital expenditure allocated to water** | **NZ$000** |
| *Definition:* | Total Growth capital expenditure allocated to water. Local Authorities are asked to provide their annual growth in properties (in percentage terms) in the commentary cells. |
| *Processing Rules:* | Input field |
| **G1.2** | **Total Growth capital expenditure allocated to wastewater** | **NZ$000** |
| *Definition:* | Total Growth capital expenditure allocated to wastewater. Local Authorities are asked to provide their annual growth in properties (in percentage terms) in the commentary cells. |
| *Processing Rules:* | Input field |
| **G1.2b** | **Total Growth capital expenditure allocated to stormwater** | **NZ$000** |
| *Definition:* | Total Growth capital expenditure allocated to stormwater. Local Authorities are asked to provide their annual growth in properties (in percentage terms) in the commentary cells. |
| *Processing Rules:* | Input field |
| **G1.3** | **Total Growth capital expenditure** | **NZ$000** |
| *Definition:* | Total capital expenditure related to growth. Local Authorities are asked to provide their annual growth in properties (in percentage terms) in the commentary cells. |
| *Processing Rules:*  | Calculated field: SUM[G1.1:G1.2b] |
| **G1.3b** | **Additional properties connected in the year** | **000** |
| *Definition:* | The properties connected in the year delivered through the growth investment set out in lines G1.1 to G1.3 above. |
| *Processing Rules:*  | Input field |

(ii) Quality Enhancement (Levels of Service Improvements)

|  |  |  |
| --- | --- | --- |
| **G1.4** | **Total Quality Enhancement (Levels of service) capital expenditure allocated to water** | **NZ$000** |
| *Definition:* | Total Quality Enhancement (levels of service) capital expenditure allocated to water. |
| *Processing Rules:* | Input field |
| **G1.5** | **Total Quality Enhancement (Levels of service) capital expenditure allocated to wastewater** | **NZ$000** |
| *Definition:* | Total Quality Enhancement (levels of service) capital expenditure allocated to wastewater |
| *Processing Rules:* | Input field |
| **G1.5b** | **Total Quality Enhancement (Levels of service) capital expenditure allocated to stormwater** | **NZ$000** |
| *Definition:* | Total Quality Enhancement (levels of service) capital expenditure allocated to stormwater |
| *Processing Rules:* | Input field |
| **G1.6** | **Total Quality Enhancement (Levels of service) capital expenditure** | **NZ$000** |
| *Definition:* | Total capital expenditure related to quality enhancement (levels of service) |
| *Processing Rules:* | Calculated field: SUM[G1.4:G1.5b] |

(iii) Base Service (Renewals)

|  |  |  |
| --- | --- | --- |
| **G1.7** | **Total Base Service capital expenditure (Renewals) allocated to water**  | **NZ$000** |
| *Definition:* | Total Base Service capital expenditure allocated to water. |
| *Processing Rules:* | Input field |
| **G1.8** | **Total Base Service capital expenditure (Renewals) allocated to wastewater** | **NZ$000** |
| *Definition:* | Total Base Service capital expenditure allocated to wastewater. |
| *Processing Rules:* | Input field |
| **G1.8b** | **Total Base Service capital expenditure (Renewals) allocated to stormwater** | **NZ$000** |
| *Definition:* | Total Base Service capital expenditure allocated to stormwater. |
| *Processing Rules:* | Input field |
| **G1.9** | **Total Base Service capital expenditure (Renewals)** | **NZ$000** |
| *Definition:* | Total capital expenditure related to the base service (renewals)  |
| *Processing Rules:* | Calculated field: SUM[G1.7:G1.8b] |

(iv) Projected Service Improvements Achieved through Operating Expenditure

|  |  |  |
| --- | --- | --- |
| **G1.10** | **Water** | **NZ$000** |
| *Definition:* | Total service improvements achieved through operating expenditure for water services |
| *Processing Rules:* | Input field |
| **G1.11** | **Wastewater** | **NZ$000** |
| *Definition:* | Total service improvements achieved through operating expenditure for wastewater services |
| *Processing Rules:* | Input field |
| **G1.11b** | **Stormwater** | **NZ$000** |
| *Definition:* | Total service improvements achieved through operating expenditure for stormwater services |
| *Processing Rules:* | Input field |
| **G1.12** | **Growth** | **NZ$000** |
| *Definition:* | Total service improvements achieved through operating expenditure for meeting growth |
| *Processing Rules:* | Input field |
| **G1.13** | **Total** | **NZ$000** |
| *Definition:* | Total service improvements achieved through operating expenditure |
| *Processing Rules:* | Calculated field: SUM[G1.10; G1.12] |

BLOCK 2: CATEGORISATION BY INFRASTRUCTURE/NON-INFRASTRUCTURE/OTHER

(i) Infrastructure

|  |  |  |
| --- | --- | --- |
| **G1.14** | **Total Infrastructure capital expenditure allocated to water** | **NZ$000** |
| *Definition:* | Total Infrastructure capital expenditure allocated to water |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G2] |
| **G1.15** | **Total Infrastructure capital expenditure allocated to wastewater** | **NZ$000** |
| *Definition:* | Total Infrastructure capital expenditure allocated to wastewater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G3] |
| **G1.15b** | **Total Infrastructure capital expenditure allocated to stormwater** | **NZ$000** |
| *Definition:* | Total Infrastructure capital expenditure allocated to stormwater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G4] |
| **G1.16** | **Total Infrastructure capital expenditure** | **NZ$000** |
| *Definition:* | Total Infrastructure capital expenditure |
| *Processing Rules:* | Calculated field: SUM[G1.14; G1.15b] |

(ii) Non-infrastructure

|  |  |  |
| --- | --- | --- |
| **G1.17** | **Total Non-infrastructure capital expenditure allocated to water** | **NZ$000** |
| *Definition:* | Total Non-infrastructure capital expenditure allocated to water |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G2] |
| **G1.18** | **Total Non-infrastructure capital expenditure allocated to wastewater** | **NZ$000** |
| *Definition:* | Total Non-infrastructure capital expenditure allocated to wastewater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G3] |

|  |  |  |
| --- | --- | --- |
| **G1.18b** | **Total Non-infrastructure capital expenditure allocated to stormwater** | **NZ$000** |
| *Definition:* | Total Non-infrastructure capital expenditure allocated to stormwater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G4]] |
| **G1.19** | **Total Non-infrastructure capital expenditure** | **NZ$000** |
| *Definition:* | Total Non-infrastructure capital expenditure |
| *Processing Rules:* | Calculated field: SUM[G1.17; G1.18b] |

(iii) Other expenditure (Corporate)

|  |  |  |
| --- | --- | --- |
| **G1.20** | **Total Other capital expenditure allocated to water** | **NZ$000** |
| *Definition:* | Total Other capital expenditure allocated to water |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G2] |
| **G1.21** | **Total Other capital expenditure allocated to wastewater** | **NZ$000** |
| *Definition:* | Total Other capital expenditure allocated to wastewater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G3] |
| **G1.21b** | **Total Other capital expenditure allocated to stormwater** | **NZ$000** |
| *Definition:* | Total Other capital expenditure allocated to stormwater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G4] |
| **G1.22** | **Total Other capital expenditure** | **NZ$000** |
| *Definition:* | Total Other capital expenditure |
| *Processing Rules:* | Calculated field: SUM[G.20; G1.21b] |

BLOCK 3: URBAN/RURAL SPLIT

(i) Urban

|  |  |  |
| --- | --- | --- |
| **G1.23** | **Total Urban capital expenditure allocated to water** | **NZ$000** |
| *Definition:* | Total Urban capital expenditure allocated to water |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G2] |
| **G1.24** | **Total Urban capital expenditure allocated to wastewater** | **NZ$000** |
| *Definition:* | Total Urban capital expenditure allocated to wastewater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G3] |
| **G1.24b** | **Total Urban capital expenditure allocated to stormwater** | **NZ$000** |
| *Definition:* | Total Urban capital expenditure allocated to stormwater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G4] |
| **G1.25** | **Total Urban capital expenditure** | **NZ$000** |
| *Definition:* | Total Urban capital expenditure |
| *Processing Rules:* | Calculated field: SUM[G1.23; G1.24b] |

(ii) Rural

|  |  |  |
| --- | --- | --- |
| **G1.26** | **Total Rural capital expenditure allocated to water** | **NZ$000** |
| *Definition:* | Total Rural capital expenditure allocated to water |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G2] |
| **G1.27** | **Total Rural capital expenditure allocated to wastewater** | **NZ$000** |
| *Definition:* | Total Rural capital expenditure allocated to wastewater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G3] |
| **G1.27b** | **Total Rural capital expenditure allocated to stormwater** | **NZ$000** |
| *Definition:* | Total Rural capital expenditure allocated to stormwater |
| *Processing Rules:* | Calculated field: SUMPRODUCT[G4] |
| **G1.28** | **Total Rural capital expenditure** | **NZ$000** |
| *Definition:* | Total Rural capital expenditure |
| *Processing Rules:* | Calculated field: SUM[G1.26; G1.27b] |

BLOCK 4: TOTALS

|  |  |  |
| --- | --- | --- |
| **G1.29** | **Total Gross Capital Expenditure** | **NZ$000** |
| *Definition:* | Total Gross Capital Expenditure |
| *Processing Rules:* | Calculated field: G1.3 + G1.6 + G1.9 |
| **G1.30** | **Third party grants or contributions** | **NZ$000** |
| *Definition:* | Total grants and contributions received from third parties during the reporting year. |
| *Processing Rules:* | Input field |
| **G1.31** | **Net Capital Expenditure** | **NZ$000** |
| *Definition:* | Net Capital Expenditure |
| *Processing Rules:* | Calculated field: G1.29 – G1.30 |
| **G1.32** | **Total Projected Service Improvements Achieved through Operating Expenditure** | **NZ$000** |
| *Definition:* | Total service improvements achieved through operating expenditure for water, wastewater and stormwater services (Three Waters) |
| *Processing Rules:* | Brought forward field: G1.13 |
| **G1.33** | **Total Expenditure** | **NZ$000** |
| *Definition:* | Total expenditure for water, wastewater and stormwater services (Three Waters) |
| *Processing Rules:* | Calculated field: G1.31 + G1.32 |

TABLE G2: PROJECT ANALYSIS - WATER SERVICE

Guidance

1. Only projects related to the water service should be added to this table. If the project is related to water, wastewater and stormwater services, an appropriate split of expenditure should be made to avoid double counting. This split should be explained in the comments.
2. Each project in excess of NZ$250,000 should be reported in a separate row. Projects below the NZ$250,000 threshold should be grouped by programme area with each programme area reported in a separate row.
3. Local Authorities should add further rows as required.

COLUMN DEFINITIONS

|  |  |  |
| --- | --- | --- |
| **Col. 1** | **Project Code** | **-** |
| *Definition:* | Project code, as assigned by the Authority. All codes should be mutually exclusive and relate to discrete projects.  |
| *Processing Rules:* | Input field |
| **Col. 2** | **Year of commission** | **Year** |
| *Definition:* | Year of commission. |
| *Processing Rules:* | Input field |
| **Col. 3** | **Total Project Cost** | **NZ$000** |
| *Definition:* | The sum of the actual project expenditure and the forecasted future expenditure. |
| *Processing Rules:* | Calculated field: SUM[Col4: Col16] |
| **Col. 4** | **Total expenditure 30/06/2019 (report year -1)** | **NZ$000** |
| *Definition:* | Actual project expenditure incurred for the report year prior to the report (year ending 30/06/2019). |
| *Processing Rules:* | Input field |

|  |  |  |
| --- | --- | --- |
| **Col. 5** | **Total expenditure 30/06/2020 (report year)** | **NZ$000** |
| *Definition:* | Actual project expenditure incurred for the report year of the report (year ending 30/06/2020). |
| *Processing Rules:* | Input field |
| **Col. 6** | **Total expenditure 30/06/2021 (report year +1)** | **NZ$000** |
| *Definition:* | Forecasted project expenditure incurred for the report year the year after the report (year ending 30/06/2021). |
| *Processing Rules:* | Input field |
| **Col. 7** | **Total expenditure 30/06/2022 (report year +2)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period two years after the report (year ending 30/06/2022). |
| *Processing Rules:* | Input field |
| **Col. 8** | **Total expenditure 30/06/2023 (report year +3)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period three years after the report (year ending 30/06/2023). |
| *Processing Rules:* | Input field |
| **Col. 9** | **Total expenditure 30/06/2024 (report year +4)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period four years after the report (year ending 30/06/2024). |
| *Processing Rules:* | Input field |
| **Col. 10** | **Total expenditure 30/06/2025 (report year +5)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period five years after the report (year ending 30/06/2025). |
| *Processing Rules:* | Input field |
| **Col. 11** | **Total expenditure 30/06/2026 (report year +6)** | **NZ$000** |
| *Definition:**Processing Rules:* | Forecasted future expenditure for the period six years after the report (year ending 30/06/2026).Input field |

|  |  |  |
| --- | --- | --- |
| **Col. 12** | **Total expenditure 30/06/2027 (report year +7)** | **NZ$000** |
| *Definition:**Processing Rules:* | Forecasted future expenditure for the period seven years after the report (year ending 30/06/2027).Input field |
| **Col. 13** | **Total expenditure 30/06/2028 (report year +8)** | **NZ$000** |
| *Definition:**Processing Rules:* | Forecasted future expenditure for the period eight years after the report (year ending 30/06/2028).Input field |
| **Col. 14** | **Total expenditure 30/06/2029 (report year +9)** | **NZ$000** |
| *Definition:**Processing Rules:* | Forecasted future expenditure for the period nine years after the report (year ending 30/06/2029).Input field |
| **Col. 15** | **Total expenditure 30/06/2030 (report year +10)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period ten years after the report (year ending 30/06/2030). |
| *Processing Rules:* | Input field |
| **Col. 16** | **Total expenditure 30/06/2031 (report year +11)** | **NZ$000** |
| *Definition:* |  Forecasted future expenditure for the period eleven years after the report (year ending 30/06/2031). |  |
| *Processing Rules:* | Input field |  |
| **Col. 17** | **Growth** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the growth category defined above.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
|  |  |
|  |  |
|  |  |
|  |  |
| **Col. 18** | **Enhancement (levels of service)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to level of service improvements.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 19** |  **Base Service (Renewals)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to renewals.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 20** | **Infrastructure**  | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to improvements of the infrastructure assets.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 21** | **Non-Infrastructure** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to improvements of the non-infrastructure assets.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 22** | **Other (Corporate)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to other (corporate) improvements.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 23** | **Urban** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the improvements in the urban areas.Please note that the percentages for the urban and rural allocation should sum to 100%. |
| *Processing Rules:* | Input field |
| **Col. 24** | **Rural**  | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the improvements in the rural areas. Please note that the percentages for the urban and rural allocation should sum to 100%. |
| *Processing Rules:* | Input field |

TABLE G3: PROJECT ANALYSIS - WASTEWATER SERVICE

Guidance

1. Only projects related to the wastewater service should be added to this table. If the project is related to water, wastewater and/or stormwater services, an appropriate split of expenditure should be made to avoid double counting. This split should be explained in the comments.
2. Each project in excess of NZ$250,000 should be reported in a separate row. Projects below the NZ$250,000 threshold should be grouped by programme area with each programme area reported in a separate row.
3. Local Authorities should add further rows as required.

COLUMN DEFINITIONS

|  |  |  |
| --- | --- | --- |
| **Col. 1** | **Project Code** | **-** |
| *Definition:* | Project code, as assigned by the Authority. All codes should be mutually exclusive and relate to discrete projects.  |
| *Processing Rules:* | Input field |
| **Col. 2** | **Year of commission** | **Year** |
| *Definition:* | Year of commission. |
| *Processing Rules:* | Input field |
| **Col. 3** | **Total Project Cost** | **NZ$000** |
| *Definition:* | The sum of the actual project expenditure and the forecasted future expenditure. |
| *Processing Rules:* | Calculated field: SUM[Col4; Col16] |
| **Col. 4** | **Total expenditure 30/06/2019 (report year -1)** | **NZ$000** |
| *Definition:* | Actual project expenditure incurred for the report year prior to the report (year ending 30/06/2019). |
| *Processing Rules:* | Input field |

|  |  |  |
| --- | --- | --- |
| **Col. 5** | **Total expenditure 30/06/2020 (report year)** | **NZ$000** |
| *Definition:* | Actual project expenditure incurred for the year of the report (year ending 30/06/2020). |
| *Processing Rules:* | Input field |
| **Col. 6** | **Total expenditure 30/06/2021 (report year +1)** | **NZ$000** |
| *Definition:* | Forecasted project expenditure incurred for the report year the year after the report (year ending 30/06/2021). |
| *Processing Rules:* | Input field |
| **Col. 7** | **Total expenditure 30/06/2022 (report year +2)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period two years after the report (year ending 30/06/2022). |
| *Processing Rules:* | Input field |
| **Col. 8** | **Total expenditure 30/06/2023 (report year +3)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period three years after the report (year ending 30/06/2023). |
| *Processing Rules:* | Input field |
| **Col. 9** | **Total expenditure 30/06/2024 (report year +4)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period four years after the report (year ending 30/06/2024). |
| *Processing Rules:* | Input field |
| **Col. 10** | **Total expenditure 30/06/2025 (report year +5)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period five years after the report (year ending 30/06/2025). |
| *Processing Rules:* | Input field |
| **Col. 11** | **Total expenditure 30/06/2026 (report year +6)** | **NZ$000** |
| *Definition:**Processing Rules:* | Forecasted future expenditure for the period six years after the report (year ending 30/06/2026).Input field |
| **Col. 12** | **Total expenditure 30/06/2027 (report year +7)** | **NZ$000** |
| *Definition:**Processing Rules****:*** | Forecasted future expenditure for the period seven years after the report (year ending 30/06/2027).Input field |
| **Col. 13** | **Total expenditure 30/06/2028 (report year +8)** | **NZ$000** |
| *Definition:**Processing Rules:* | Forecasted future expenditure for the period eight years after the report (year ending 30/06/2028).Input field |
| **Col. 14** | **Total expenditure 30/06/2029 (report year +9)** | **NZ$000** |
| *Definition:**Processing Rules:* | Forecasted future expenditure for the period nine years after the report (year ending 30/06/2029).Input field |
| **Col. 15** | **Total expenditure 30/06/2030 (report year +10)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period ten years after the report (year ending 30/06/2030). |  |
| *Processing Rules:* | Input field |  |
|  |  |  |
| **Col. 16** | **Total expenditure 30/06/2031 (report year +11)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period eleven years after the report (year ending 30/06/2031). |  |
| *Processing Rules:* | Input field |  |
|  |  |  |
| **Col. 17** | **Growth** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the growth category defined above.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
|  |  |
| **Col. 18** | **Enhancement (Levels of service)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to levels of service improvements.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 19** |  **Base Service (Renewals)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to renewals.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 20** | **Infrastructure**  | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to improvements of the infrastructure assets.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 21** | **Non-Infrastructure** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to improvements of the non-infrastructure assets.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 22** | **Other (Corporate)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to other (corporate) improvements.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 23** | **Urban** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the improvements in the urban areas.Please note that the percentages for the urban and rural allocation should sum to 100%. |
| *Processing Rules:* | Input field |
| **Col. 24** | **Rural**  | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the improvements in the rural areas.Please note that the percentages for the urban and rural allocation should sum to 100%. |
| *Processing Rules:* | Input field |

TABLE G4: PROJECT ANALYSIS - STORMWATER SERVICE

Guidance

1. Only projects related to the stormwater service should be added to this table. If the project is related to either water or wastewater services, an appropriate split of expenditure should be made to avoid double counting. This split should be explained in the comments.
2. Each project in excess of NZ$250,000 should be reported in a separate row. Projects below the NZ$250,000 threshold should be grouped by programme area with each programme area reported in a separate row.
3. Local Authorities should add further rows as required.

COLUMN DEFINITIONS

|  |  |  |
| --- | --- | --- |
| **Col. 1** | **Project Code** | **-** |
| *Definition:* | Project code, as assigned by the Authority. All codes should be mutually exclusive and relate to discrete projects. |
| *Processing Rules:* | Input field |
| **Col. 2** | **Year of commission** | **Year** |
| *Definition:* | Year of commission |
| *Processing Rules:* | Input field |
| **Col. 3** | **Total Project Cost** | **NZ$000** |
| *Definition:* | The sum of the actual project expenditure and the forecasted future expenditure. |
| *Processing Rules:* | Calculated field: SUM[Col4; Col16] |
| **Col. 4** | **Total expenditure 30/06/2019 (report year -1)** | **NZ$000** |
| *Definition:* | Actual project expenditure incurred for the report year prior to the report (year ending 30/06/2019). |
| *Processing Rules:* | Input field |

|  |  |  |
| --- | --- | --- |
| **Col. 5** | **Total expenditure 30/06/2020 (report year)** | **NZ$000** |
| *Definition:* | Actual project expenditure incurred for the year of the report (year ending 30/06/2020). |
| *Processing Rules:* | Input field |
| **Col. 6** | **Total expenditure 30/06/2021 (report year +1)** | **NZ$000** |
| *Definition:* | Forecasted project expenditure incurred for the report year the year after the report (year ending 30/06/2021). |
| *Processing Rules:* | Input field |
| **Col. 7** | **Total expenditure 30/06/2022 (report year +2)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period two years after the report (year ending 30/06/2022). |
| *Processing Rules:* | Input field |
| **Col. 8** | **Total expenditure 30/06/2023 (report year +3)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period three years after the report (year ending 30/06/2023). |
| *Processing Rules:* | Input field |
| **Col. 9** | **Total expenditure 30/06/2024 (report year +4)** | **NZ$000** |
| ***Definition:*** | Forecasted future expenditure for the period four years after the report (year ending 30/06/2024). |
| ***Processing Rules:*** | Input field |
| **Col. 10** | **Total expenditure 30/06/2025 (report year +5)** | **NZ$000** |
| ***Definition:*** | Forecasted future expenditure for the period five years after the report (year ending 30/06/2025). |
| ***Processing Rules:*** | Input field |

|  |  |  |
| --- | --- | --- |
| **Col. 11** | **Total expenditure 30/06/2026 (report year +6)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period six years after the report (year ending 30/06/2026). |
| *Processing Rules:* | Input field |
| **Col. 12** | **Total expenditure 30/06/2027 (report year +7)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period seven years after the report (year ending 30/06/2027). |
| *Processing Rules:* | Input field |
| **Col. 13** | **Total expenditure 30/06/2028 (report year +8)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period eight years after the report (year ending 30/06/2028). |
| *Processing Rules:* | Input field |
| **Col. 14** | **Total expenditure 30/06/2029 (report year +9)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period nine years after the report (year ending 30/06/2029). |
| *Processing Rules:* | Input field |
| **Col. 15** | **Total expenditure 30/06/2030 (report year +10)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period ten years after the report (year ending 30/06/2030). |
| *Processing Rules:* | Input field |
| **Col. 16** | **Total expenditure 30/06/2031 (report year +11)** | **NZ$000** |
| *Definition:* | Forecasted future expenditure for the period eleven years after the report (year ending 30/06/2031). |
| *Processing Rules:* | Input field |
| **Col. 17** | **Growth** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the growth category defined above.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 18** | **Enhancement (Levels of service)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to levels of service improvements.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 19** |  **Base Service (Renewals)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to renewals.Please note that the sum of percentages for renewals, levels of service and growth allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 20** | **Infrastructure**  | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to improvements of the infrastructure assets.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 21** | **Non-Infrastructure** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to improvements of the non-infrastructure assets.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |

|  |  |  |
| --- | --- | --- |
| **Col. 22** | **Other (Corporate)** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to other (corporate) improvements.Please note that the sum of percentages for infrastructure, non-infrastructure and other (corporate) allocations should sum 100%. |
| *Processing Rules:* | Input field |
| **Col. 23** | **Urban** | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the improvements in the urban areas.Please note that the percentages for the urban and rural allocation should sum to 100%. |
| *Processing Rules:* | Input field |
| **Col. 24** | **Rural**  | **%** |
| *Definition:* | Percentage of the project’s expenditure allocated to the improvements in the rural areas.Please note that the percentages for the urban and rural allocation should sum to 100%. |
| *Processing Rules:* | Input field |

TABLE G5: DETAILS OF INFLATION ASSUMPTIONS

Guidance to the Local Authority

|  |  |  |
| --- | --- | --- |
| **G5.1** | **Is forecast information in section G provided in real or nominal terms?** | **General** |
| Definition: | For the forecast information inputted throughout Section G, please state whether these values are ‘real’ (excluding inflation) or ‘nominal’ (including inflation). If the inputted values are ‘real’, no further information is required to be provided in G5. If the inputted values are ‘nominal’, please provide details of each of the underlying assumptions applied and the worksheet reference that they relate to. Please add as many additional rows as required. Please provide an assumption for each forecast year. |
| Processing rules: | Input field and/or drop-down selection. |