

**Orthophotography Coverage & Pricing – 2021-2024**

**Year 1 (2021/2022)**

The proposal for 2021/2022 is to update/extend Tasman DC’s northern rural imagery (at 0.3m GSD or better), and Nelson CC’s adjacent urban imagery (at 0.075m GSD), taking in to account full NZTM tiles.

**Tasman DC – refer Appendix A**

<i>Tasman DC</i>	<i>Number of Tiles</i>	<i>GSD (m)</i>	<i>Tile Size</i>	<i>Delivery of Orthophoto Tiles</i>
<i>Area</i>				<i>Amount</i>
Northern area	346	0.3	1:5000	\$
<b>Total</b>	<b>346</b>	-----	-----	<b>\$</b>

**Nelson CC – refer Appendix D (RGB only)**

<i>Nelson CC</i>	<i>Number of Tiles</i>	<i>GSD (m)</i>	<i>Tile Size</i>	<i>Delivery of Orthophoto Tiles</i>
<i>Area</i>				<i>Amount</i>
Nelson	995	0.075	1:1000	\$
<b>Total</b>	<b>995</b>	-----	-----	<b>\$</b>

**Nelson CC – refer Appendix D (RGB & RGBI)**

<i>Nelson CC</i>	<i>Number of Tiles</i>	<i>GSD (m)</i>	<i>Tile Size</i>	<i>Delivery of Orthophoto Tiles</i>
<i>Area</i>				<i>Amount</i>
Nelson	995	0.075	1:1000	\$
<b>Total</b>	<b>995</b>	-----	-----	<b>\$</b>

<i>Nelson CC</i>	<i>Delivery of Building Outlines</i>
<i>Area – Urban Imagery Extent</i>	<i>Amount</i>
<b>Total</b>	<b>\$</b>

**Year 2 (2022/2023)**

The proposal for 2022/2023 is to update/extend Tasman DC’s Southern rural imagery (at 0.3m GSD or better), and Nelson CC’s rural imagery (at 0.3m GSD), taking in to account full NZTM tiles.

This will be confirmed closer to the 2022/2023 flying season.

**Tasman DC – refer Appendix B**

<i>Tasman DC</i>	<i>Number of Tiles</i>	<i>GSD (m)</i>	<i>Tile Size</i>	<i>Delivery of Orthophoto Tiles</i>
<i>Area</i>				<i>Amount</i>
Southern area	331	0.3	1:5000	\$
<b>Total</b>	<b>331</b>	-----	-----	<b>\$</b>

**Nelson CC – refer Appendix [ED](#)**

<i>Nelson CC</i>	<i>Number of Tiles</i>	<i>GSD (m)</i>	<i>Tile Size</i>	<i>Delivery of Orthophoto Tiles</i>
<i>Area</i>				<i>Amount</i>
Nelson	80	0.3	1:5000	\$
<b>Total</b>	<b>80</b>	-----	-----	<b>\$</b>

<i>Nelson CC</i>	<i>Delivery of Building Outlines</i>
<i>Area – Rural Imagery Extent</i>	<i>Amount</i>
<b>Total</b>	<b>\$</b>

**Year 3 (2023/2024)**

The proposal for 2023/2024 is to update Tasman DC’s Township imagery (at 0.1m GSD or better). Tasman DC’s last update involved the delivery of Richmond as 0.075m and the balance as 0.1m, please provide costings for both resolutions (for balance areas) to assist in final decision.

The proposal also includes Nelson CC’s adjacent urban imagery (at 0.075m GSD or better), taking in to account full NZTM tiles.

This will be confirmed closer to the 2023/2024 flying season.

**Tasman DC – refer Appendix C**

<i>Tasman DC</i>	<i>Number of Tiles</i>	<i>GSD (m)</i>	<i>Tile Size</i>	<i>Delivery of Orthophoto Tiles</i>
<i>Area</i>				<i>Amount</i>
Collingwood	13	0.1	1:1000	\$
Takaka	33	0.1	1:1000	\$
Pohara/Tata Beach	37	0.1	1:1000	\$
Marahau	7	0.1	1:1000	\$
Kaiteriteri	15	0.1	1:1000	\$
Motueka/Riwaka	72	0.1	1:1000	\$
Mapua/Ruby Bay	48	0.1	1:1000	\$
Richmond	77	0.075	1:1000	\$
Brightwater	15	0.1	1:1000	\$
Wakefield	27	0.1	1:1000	\$
Tapawera	9	0.1	1:1000	\$
St Arnaud	10	0.1	1:1000	\$
Murchison	17	0.1	1:1000	\$
<b>Total</b>	<b>380</b>	-----	-----	<b>\$</b>

**Nelson CC – refer Appendix D (RGB only)**

<i>Nelson CC</i>	<i>Number of Tiles</i>	<i>GSD (m)</i>	<i>Tile Size</i>	<i>Delivery of Orthophoto Tiles</i>
<i>Area</i>				<i>Amount</i>
Nelson	995	0.075	1:1000	\$
<b>Total</b>	<b>995</b>	-----	-----	<b>\$</b>

**Nelson CC – refer Appendix D (RGB & RGBI)**

<i>Nelson CC</i>	<i>Number of Tiles</i>	<i>GSD (m)</i>	<i>Tile Size</i>	<i>Delivery of Orthophoto Tiles</i>
<i>Area</i>				<i>Amount</i>
Nelson	995	0.075	1:1000	\$
<b>Total</b>	<b>995</b>	-----	-----	<b>\$</b>

<i>Nelson CC</i>	<i>Delivery of Building Outlines</i>
<i>Area – Urban Imagery Extent</i>	<i>Amount</i>
<b>Total</b>	<b>\$</b>

**LiDAR Coverage & Pricing – 2021-2024**

**Year 1 (2021/2022)**

Tasman DC’s has no LiDAR requirements for this year, as funding is still contributing to PGF LiDAR programme. Nelson CC has no LiDAR requirements for this year.

**Year 2 (2022/2023)**

The proposal for 2022/2023 is to update ~450 km<sup>2</sup> of Tasman DC’s LiDAR coverage, with data requirements to be confirmed closer to the 2022/2023 flying season – refer Appendix F.

Nelson CC has no LiDAR requirements for this year.

**Waimea-Moutere-Motueka (~450 km<sup>2</sup>)**

<i>Item</i>	<i>Description of Work</i>	<i>0.1m Total Amount</i>
1	Digital Terrain Model	\$
	(a) Ground points	-----
	(b) Non ground points	-----
	(c) Raw data cloud model	-----
2	Contours	\$
3	TIN digital terrain model	\$
		\$

**Year 3 (2023/2024)**

The proposal for 2023/2024 is to update ~400 km<sup>2</sup> of Tasman DC’s LiDAR coverage, with data requirements to be confirmed closer to the 2023/2024 flying season – refer Appendix F.

Nelson CC has no LiDAR requirements for this year.

**Riwaka-Takaka-Onekaka (~400 km<sup>2</sup>)**

<i>Item</i>	<i>Description of Work</i>	<i>0.1m Total Amount</i>
1	Digital Terrain Model	\$
	(a) Ground points	-----
	(b) Non ground points	-----
	(c) Raw data cloud model	-----
2	Contours	\$
3	TIN digital terrain model	\$
		\$