

**Orthophotography Coverage & Pricing – 2018-2021**

**Year 1 (2018/2019)**

The proposal for 2018/2019 is to update/extend Tasman DC’s northern rural imagery (at 0.3m GSD or better), and Nelson CC’s adjacent rural imagery (at 0.3m 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	647	0.3	1:5000	\$
<b>Total</b>	<b>647</b>	-----	-----	\$

**Nelson CC – refer Appendix D**

<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>	-----	-----	\$

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

**Year 2 (2019/2020)**

The proposal for 2019/2020 is to update/extend Tasman DC’s Southern rural imagery (at 0.3m GSD or better), and Nelson CC’s urban imagery (at 0.075m GSD or better), taking in to account full NZTM tiles.

This will be confirmed closer to the 2019/2020 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	646	0.3	1:5000	\$
<b>Total</b>	<b>646</b>	-----	-----	\$

**Nelson CC – refer Appendix E**

<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 3 (2020/2021)**

The proposal for 2020/2021 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. This will be confirmed closer to the 2020/2021 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	11	0.1	1:1000	\$
Motueka/Riwaka	72	0.1	1:1000	\$
Mapua/Ruby Bay	48	0.1	1:1000	\$
Richmond	64	0.075	1:1000	\$
Brightwater	15	0.1	1:1000	\$
Wakefield	24	0.1	1:1000	\$
Tapawera	7	0.1	1:1000	\$
St Arnaud	10	0.1	1:1000	\$
Murchison	17	0.1	1:1000	\$
<b>Total</b>	<b>358</b>	-----	-----	<b>\$</b>

**LiDAR Coverage & Pricing – 2018-2021**

**Year 1 (2018/2019)**

The proposal for 2018/2019 is to capture 243.8 km<sup>2</sup> of Tasman DC’s LiDAR coverage. Nelson CC has no LiDAR requirements for this year.

**Tasman DC – refer Appendix F**

**Lower Motueka Valley (243.8 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 2 (2019/2020)**

The proposal for 2019/2020 is to capture 247.3 km<sup>2</sup> of Tasman DC’s LiDAR coverage, with data requirements to be confirmed closer to the 2019/2020 flying season. Nelson CC has no LiDAR requirements for this year.

**Tasman DC – refer Appendix F**

**Korere (247.3 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 (2020/2021)**

The proposal for 2020/2021 is to update/capture 275.3 km<sup>2</sup> of Tasman DC’s LiDAR coverage, Nelson CC is proposing to capture 175 km<sup>2</sup> of LiDAR coverage, with data requirements to be confirmed closer to the 2020/2021 flying season. Nelson CC has no LiDAR requirements for this year. Nelson CC also request Additional Pricing for areas A+B and C.

**Tasman DC – refer Appendix F**

**Murchison (275.3 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	\$
		\$

Nelson CC – next page

**Nelson CC – refer Appendix G**

**Area A (175 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	\$
		\$

**Area A+B (289 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	\$
		\$

**Area C (455 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	\$
		\$