

Business Case

Rai Valley Area School – Full Sized Multipurpose Sports Field Lighting.

Prepared by: Rai Valley Area School Board of Trustees

For: Marlborough District Council Annual Plan Submission.

EXECUTIVE SUMMARY

This business case has been collated to apply for funding and project management support of the installation of sports field lighting on the already established multipurpose sports field located at the Rai Valley Area School.

Over 2 years ago it was highlighted that for many of the sporting codes in Nelson and Marlborough – geographical limitations of the top of the south meant training and game opportunities between Nelson and Marlborough teams are very limited. Travel times and costs make everything so much harder.

The purpose of enhancing this existing facility with support from the school, council, iwis, sporting bodies and local business is to provide a logical geographical halfway training and game facility location for all Marlborough, Tasman and Nelson sporting codes. It's a community asset!

With the recent overall development in Rai Valley of the community and surrounding areas, enhanced facilities are encouraging the growth within the small businesses in the area. It is really coming into its own as the Western Gateway to Marlborough. Rai Valley is fed from Okiwi Bay, Ronga Valley, Opouri Valley and the Pelorus. After the central village subdivision has sold out – lifestyle blocks are being sold off in all corners of the area.

This investment in facilities will have endless flow on effects for Rai Valley, its wider community and the Sounds. Attracting more people to the area, along with the community being engaged more in sporting opportunities. Improving physical and mental wellbeing of the rural community. As the saying goes - Kids in sport – stays out of court.



The School entered into a MOU with Tasman Rugby over 12 months ago. Both entities contributed funds and acquired sponsorship and support from the entities listed below to complete over \$80,000 worth of earthworks, and development.

The old school field was sprayed out, surveyed, new topsoil brought in. Electrical ducting for lighting posts has been pre-laid in the field. Then high-performance sports field seed was established. And irrigation system was created.



Prior to autumn an entire oversow has been completed by Downer to provide an extremely high-quality field. The school caretaker maintains this – and is getting advice and support from the team at Lansdowne and Downers regarding maintenance. They have a linemarking machine and can mark pitches for all sports. The school does all the maintenance.



Summary of funding sources to date

Organisation name	Contribution	Value
Rai Valley Area School	Cash Funds	\$20,000
Tasman Makos	Cash Funds	\$20,000
Edridge Contracting	Discounted Contract work. Free equipment use for community to use to erect posts	\$15,000
Brick Oven	Cash Funds	\$6000
The Millers Rest	Electrical ducting equipment that has been pre-laid into the field in preparation of lighting	\$5000
Gilbert and Haymes	Remote Survey initially to see what we could fit. Site Survey and peg marking.	\$5000
Elbee Investments	Paid for the turf oversowing by Downers. Paid the seed top up contribution	\$2500
PGG Wrightsons Ltd	400kg Specialist Colosseum Turf seed. 12 months apart to give solid base. Heavily discounted	\$5000
Rem Engineering Ltd	Labour and machinery to erect posts, engineering to put wheels on soccer goals so they can be shifted	\$4000
Farmsource/Fonterra	Irrigation hosing and fittings	\$2000
Local Farmers and community members	Tree removal/ground prep working bee over weekends	Priceless

Total investment by community and organisations involved \$84500.00



SITUATIONAL ASSESSMENT AND PROBLEM STATEMENT

Currently the community has several teams playing for Pelorus Rugby, they also have school teams training for Saturday football and netball within the area. Community members have been pushing to run healthy living and participation events like social touch, netball and football – these are all currently limited to daylight hours.

For the rural community whose quietest time of the year is during May/June/July - lighting is a limiting factor for engagement. This can impact on the health and wellbeing for the rural community. There is little else for the farmers and the lifestyle owners in the area to do once it gets dark.

Travel time between Nelson and Blenheim is one of the main barriers for many representative teams such as Mainland Football Premier sides, Tasman Seven's, Tasman U19's, Tasman Development, Te Taihu, Tasman Women's and Mako pre-season trainings. These are just the ones we know of – we haven't yet approached hockey or netball.

These players have regular jobs, then travel to training. Trainings often finish late at night with players and staff having to travel home in varying conditions throughout winter for up to 3 hours return posing a serious health and safety risk. In some instances, they have had players/staff having accidents although luckily none have been serious or fatal. The commitment of travel and time is a barrier for some players and staff. Not being able to commit with current time and cost constraints involved. Potentially with the development of this Rai Valley located facility may enable more of the community to be involved at higher level sport to a wider group of players and support staff.

This investment will benefit not only many sporting codes, but also the School and wider Community of Rai Valley and Marlborough Sounds.

PROJECT DESCRIPTION

To work with Rai Valley Area School, to put sports field lighting that serves as a multi-purpose facility that can be used by all of the community, and all sports.

Estimated investment required from Marlborough District Council \$250,000 - \$300,000. For a community facility based on the Rai Valley Area School grounds, supported by the local iwi Ngati Koata – the landowner.

SOLUTION DETAIL – Summary of email from Robert Hutchinson – April22

Robert Hutchinson undertook an in-depth tabletop review of the lighting and costings for the installation of lights on the field at Rai Valley School. He is Marlborough District Council Parks and Open Space Officer

As with any quote we have costing highs and lows. Exacerbated in today's market.
He has had sports contact look at the field and make suggestions, as original Powertech design focussed on 4 crns.

Light design should cover the whole field, this help spread usage loadings saving on R&M costs.

Compliance:

A Building consent and a Resource consent will likely be required to install and operate the light poles.

BC, some engineering will be required to find out the holding capacity of the soils. Following Council works at the village green Rai Valley I recommend that any light pole over 10m be bolted to concrete foundations to stop the possibility of the pole forming a lean when grounds are consistently wet and or winds are high.

- BC cost zone 3 \$7000
- Non notified Resource consent with engineering \$3000
- Engineers fees for foundation design and compliance \$8000
- Pole Foundations
- 4 x 18m poles \$28,000
- 2 x 14m poles \$11,000
- Poles
- 4 x 18m poles \$44,000
- Netball Poles- 2 x 14m poles \$12,000 recommended these are separate from rugby poles and 2 poles for court coverage.

Extra cost here for ducting, install and cables not assessed. PC Sum of \$20,000

Lights-

- 8 Luminaries \$36,000
- 2 Luminaires (netball) \$4400
- Electrical - Without seeing site approx \$55,000, best I could get from my contacts
- Cables - Since Sept 2021 there has been a significant increase in cable costs again in discussion with contacts this price, would be close to \$30,000 compared to \$21,000

Cost is approx \$211,000 for 4 poles

Additional 2 posts and Netball Lights additional \$87,000

BENEFITS

This will provide a range of benefits for Rai Valley Area School and it's wider community.

Including but not limited to

- Increased engagement in healthy living and wellbeing activities.
- Increased opportunities for competitive competition at higher levels for Marlborough Players.
- Increased training opportunities for Marlboroughs premium grade sports teams
- Increased community engagement, with growth reflected in local businesses

The field will be multipurpose and the lights will be on a user pays basis for the power usage for any organisation.

IMPLEMENTATION TIMELINE

The timeline below illustrates key operational dates and timelines for the Project

Task Description	
Develop project business case for MDC Annual Plan	May 2022
Submission approved by MDC	June 2022
Design and Engineer engaged	July 2022
Consents lodged, Lighting ordered	Sept 2022
Lights installed and operational	By March 2023

ATTACHMENTS

- Letter of Support from Ngati Koata
- Letter of Support from FC Nelson – Soccer
- Letter of Support from Tasman Makos