

Papua New Guinea Pacific Adventist Union (PNGUM)

Sonoma Adventist College Sports and Recreation Oval



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1. Executive Summary

SAC has been established on a strong foundation of input from Christian academic leaders, trades people, community volunteers and sponsors from private and government sectors. The SAC Board of Governors and the SAC administration and teaching faculties are committed to serving the people of Papua New Guinea by ensuring that this college becomes a center of academic excellence, leadership, wellbeing and innovation where students are inspired to serve their country through the learning and skills they develop here.

The objectives of this project align with the PNG developmental priorities for higher educational institutions in PNG.

This proposal for a Sports and Recreation Oval for Sonoma Adventist College, is part of SAC strategy for the development of the infrastructure at a cost of K2843,500.

2. History and Background

Sonoma Adventist College (SAC) is a tertiary institution located in a rural setting 17 kms from the township of Kokopo in East New Britain province, Papua New Guinea. The college began in 1968 as a development and extension of the Seventh-day Adventist churches outreach and mission to the people of the Pacific Islands. The Seventh-day Adventist church represents and administers a network of global non-for-profit agencies, services and organizations throughout the world whose vision includes the ongoing mission to provide education, holistic health, spiritual care and physical aid to people in underdeveloped countries.

Since its inception SAC has made significant contributions to the human resource capacity and development of PNG and neighboring Pacific Islands. In the context of PNG and the surrounding Pacific Island Nations the mission of the SDA church envisioned the liberation of Pacific peoples from all forms of bondage (spiritual, mental, social and physical). The mission of SAC has been to develop this mission through the insemination of appropriate knowledge, skills and attitudes by the staff and students. In the context of SAC this mission has been developed, implemented and integrated intentionally through daily practices in both curricular and extracurricular programs facilitated by staff and student leaders. The philosophy, beliefs, and values of the Seventh-day Adventist Church are reflected through the empowered knowledge, skills, values and lifestyles of both staff and students. Graduates from SAC have become leaders in government, public service, education, health, SDA church enterprises, business organizations and private companies serving the people of PNG and the surrounding Pacific Nations.

For many years SAC endeavored to maintain students roll numbers of between 300-450 students. However, as a result of more recent educational directives and national education strategies SAC has needed to expand its student numbers. The introduction of the PNG governments 'Tuition Fee Free' (TFF) initiative subsidizing the cost of education for students along with the increasing number of SDA

church members who desire to have their children trained in SDA institutions, has resulted in a rapid expansion of student numbers during the last 5 years (2014-2019).

During the last five years (2015-2020) SAC has continued to develop and expand the vision and mission on many levels including the provision of infrastructure and tools required for the Building programme. Infrastructure development has been achieved in three areas: increased number of general and teaching staff alongside current staff members higher qualifications; the development of facilities; and the development of administration protocols and policies in line with academic program quality assurance and higher education administration responsibilities.

SAC is committed to work towards addressing each of the areas so that by 2025 this college will be viewed as a Higher Education institute of excellence according to the standards of assessment set by the AAA and DHERST; and the strategic directions of the PNGUM. SAC is looking to embrace a broader national vision and therefore the 2020-2025 SAC strategic plan will ensure that the standards and objectives align with the 2050 Vision statement promoted by the PNG government on behalf of all PNG people (DHERST, 2018: AAA, 2017).

2.1 Challenge

There are currently 500 students in the men's and women's dormitories. There is an open space beside the main administration building that is utilized for all forms of sports, recreational activities and on weekends for the local market. The number of spaces for the students to enjoy leisurely activities is limited to this open space.

As the space is close to the main buildings, when functions are in progress, this open space cannot be used to avoid disturbance to the functions. While the number of students has been increasing annually, the infrastructure required to meet the needs of these students is unable to be built thereby causing the provision of services to fall behind in quality.

Table 1: Sonoma Adventist College Student Numbers 2019-2022

Years	Total Student Numbers	Day Students	Boarding Students	Male Students Boarding	Female Students Boarding
2019	600	200	400		
2020	605	199	397	208	189
2021	653	164	480	244	236
2022	696	196	500	248	252

NB: While SAC has experienced a continued increase in student numbers over the last five years, due to lack of adequate accommodation, infrastructure and spaces for students, SAC has maintained the student numbers at about 600 until extra accommodation and facilities can be constructed.

2.2 Solution

Construction of a Sports and Recreation oval will provide the recreational space for education, recreation and general wellbeing of the students, staff and communities. SAC administrators believe that sporting programs provide critical opportunities, for students, staff and local communities, to develop holistic wellbeing and importantly, to share community spaces where there are regular opportunities to develop of character strengths and to form valuable, respectful relationships with fellow students, staff members, friends, neighbors and local communities. This facility will provide designated spaces for female students and sports teams who currently have to wait for male students to vacate recreational spaces before they can participate in female friendly sports activities.

3. Proposal

This proposal is for the construction of an **SAC Sports and Recreation Oval** with a nature track around the outside perimeter where trees and plants, indigenous to Papua New Guinea, to be planted to enhance local biodiversity. The trees will be labelled for educational purposes and form a protected arboretum that will serve to provide shade for walkers on the track as well as spectators attending sporting programs and community events. As each space is developed, additional walking tracks with resting places and seating will be added. Once the concept design is developed, the trees will be carefully selected and planted.

The surroundings of the sports oval will be created as a park with over 200 indigenous trees and plants which will be maintained by the agriculture students. This park area will serve dual roles of providing shade while contributing to sustainability and highlighting the bio-diversity of PNG.

Creating a space that is safe for women and girls while being socially inclusive of all students brings with it the added benefits with opportunities to sell baking and food.

At one end of the **SAC Sports and Recreation Oval**, there will be a large changing shed area with four showers and four toilets (2 male and 2 female) and an outdoor cooking area with 2 large outdoor sitting areas for people to have meals. Native trees will be planted around the showers and the eating areas.

SAC requires a substantial infrastructure grant which we are seeking support for so that we can partner with the PNG government in achieving national and provincial goals to increase Higher Education and VET student numbers. Upon completion of critical infrastructure projects SAC can safely increase student numbers, which will significantly raise the annual college income to support ongoing operations in all areas.

3.1 Objectives

To provide a safe environment for women, girls and the community for sports and recreation that is GESI appropriate, physical activities, community sports events, leisurely physical activities; provide a

sports space for the primary school and visiting schools sports activities and proposed lifestyle medicine course physical activities; contribute to PNG biodiversity through the trees planted around the walkways to create an arboretum; provide space for cultural activities; enhance opportunities for relationships with the communities around through sports and recreation; develop Sonoma’s infrastructure for the benefit of its students.

3.2 Vision and Smart Goals

This proposal and infrastructure request aligns with the PNG Development Strategy 2010 - 2030 4.12 for Rural Development – rural prosperity: Higher and Technical Education Strategic Implementation Plan (2017-2038) 4.5. Higher education - Develop the higher skills needed for PNG’s prosperity with a world class tertiary education sector.

This proposal for a ***Sports and Recreation Oval*** supports the PNG Vision 2050 in relation to ***Human Development Gender, Youth and People Empowerment (1.17.2.6 and 2.7)***. The ***SAC Sports and Recreation Oval*** will provide students, staff and community with a purposely designed outdoor sports arena that will help develop the physical, social and psychological wellbeing of SAC students, staff members and community groups. In addition, this oval will serve as a space for the local primary school and visiting school sporting activities and lifestyle medicine center program physical activities.

SAC is also committed to 1.17.2.10 in relation to introducing good citizenship, ethics, morality and personal viability in all educational, sport and recreation, community and cultural events and celebrations.

This proposal also aligns with the PNG 2050 vision 1.17 Human Development and 1.23 Infrastructure. As part of the SAC vision and plan, we would like to provide adequate space for our students, alumni, staff and visitors a space that serves to build community. The ***SAC Sports and Recreation Oval*** will provide a great location for students, staff and communities to engage in sports activities and community events. This Vision and goal enable Sonoma to work towards the PNG vision 2050 statement: *“Vision 2050 will transform our people and our nation by reforming our mind-set and attitudes. It is envisaged that this, will provide the direction to reform and align our institutions and systems to make ‘Papua New Guinea become a smart, wise, fair, healthy and happy Society by 2050’* (PNG Vision 2050, p. 30). This facility supports the overall wellbeing of students enabling them to develop as *wise, healthy and happy* citizens. We believed that supervised and well organized sporting and recreational events will facilitate and promote peaceful relationships amongst neighboring communities.

This means that the student center will need to:

- Be constructed on the grounds of Sonoma Adventist College, which is owned by the SDA PNGUM
- Have a council approved plan voted and accepted by the SAC Board of Governors

- Be contracted out through an appropriate tender process to employ skilled and qualified builders if required
- Have a budget breakdown for the initial building project management and for future maintenance
- Accommodate at least 300 students and include bathroom amenities and service areas
- Be coordinated by an onsite project manager on a weekly/daily basis.
- Ensure all stakeholders are informed of the project’s development on a monthly basis.
- Ensure that the project sponsors are informed of progress according to established timeframes and ongoing budget expenditure and accountability throughout the duration of the project.
- Start clearing the site in June 2022 and complete construction by February, 2023
- Ensure that all project contributors are appropriately acknowledged.

3.3 Deliverables

Project Deliverables		
Title	Description	Notes
A finalized building plan and design	Architectural Drawings Approved by the PNGUM and Sonoma Adventist College Board	March 30, 2023
Architectural Drawings	Complete architectural drawings	Jul 30, 2023
Building Permit Obtained	Obtain a building permit for the Construction of the building	Aug 30, 2023
Resource Consents Applied for	Resource consents approved	Aug 30, 2023
Completed Tender Process	Three companies to provide tender bids for building materials and labour up to completion if required.	Sep 30 2023
Successful tender company meets with project managers	Project managers identify terms of communication and reporting for the duration of the project	Sep 30 2023 All stakeholders informed of Reporting processes
Construction begins	Ground is prepared and OHS checks and procedures in place	Project Managers Farm managers
Monthly Progress Assessment and Reporting to Stakeholders	Project Managers report to stakeholders on progress	Monthly throughout the project
Project half completed	Halfway assessment by Project managers -	Nov 2023
Project Completed	Works completed – signed off by all stakeholders	Feb 2024

Project Acknowledgements

Project managers ensure that all stakeholders are appropriately acknowledged and financial accounting is in order. Feb 28,2024

3.4 Timeframe

The **SAC Sports and Recreation Oval** is critical to the development of SAC as a College of Higher Education. The **SAC Sports and Recreation Oval** will add significant value to the quality of the student experience. It will become a hub for SAC students, staff and surrounding communities to engage in supervised physical and social activities as well as provide a suitable venue for participating in provincial sporting competitions.

Working within the timeframe is critical to the early success of the project so that the increasing number of students can be supported well through appropriately designed spaces for living and learning. It is important not to delay the construction of the **SAC Sports and Recreation Oval** as SAC is committed to providing appropriate spaces to support the number of students attending now as well as the projected increase of student numbers over the next five years.

3.5 Resources

Project Deliverables		
Type	Quantity	Notes
Land ownership	Land owned by SDA PNGUM	Building approved by SDA PNGUM within the scope of the Sonoma Adventist College Master plan 2019
Tender Process	3 quotes	Successful tender will be chosen by the SAC Executive Board
Building Consents	Plumbing, engineer, electrical OHS safety	Project manager to ensure appropriate consents and checks are completed before each stage is begun.
Building Plans	Registered Building Architect and Engineer	Ensure that final plan is approved by SAC Executive Board
Building materials	Block work Timber trusses Electrical Wiring Roofing materials Extensions Plumbing	All materials supplied by Building company or subcontracted partners. Building company to ensure OHS of building employees and to secure the site within the campus.

Completed Building with Certificates of Completion.	Sports & Recreation oval completed By Feb 2024	Ensure that all completion certificates are given to the building before occupancy. Basketball/volleyball courts appropriately surfaced
Landscaping finishing	SAC maintenance and property development	The SAC property management personnel will ensure the finished building is presented well through the planting of appropriate trees and gardens to be maintained by the college.
Ongoing Maintenance Plan	Property Manager Finance Manager	To prepare an ongoing maintenance plan for the facility
Acknowledgement of Project Partners	Funding Acknowledgement Sign	Project managers prepare a sign for the facility to be positioned on the outside of a building or gateway before official opening day Feb 2023 acknowledging sponsors.

3.6 Budget

The cost of building the *SAC Sports and Recreation Oval* is K2,843,500.

No.	Item	Cost
1	Site Works	K150,000
2.	Solar Panels	K60,000
3.	Materials	K360,000
4.	Waste Systems	K220,000
5.	Landscaping	K340,000
6.	Outdoor Fitness	K180,000
7.	Surfacing	K460,000
8.	Fencing	K135,000
9.	Equipment Shed	K120,000
10.	Ablution Block	K560,000
11.	Contingency 10%	K258,500
	Total	K2,843,500

The budget will include costs for siteworks, solar panels, waste systems, landscaping, outdoor fitness circuit, surfacing and fencing of 3 outdoor basketball/tennis and 2 volley ball courts, a sports equipment storage shed, ablution blocks and outdoor eating areas and sporting equipment.

This project has also been submitted to DHERST for funding and we are awaiting an outcome. Due to its urgency, we would like to submit this proposal to further potential sponsors as well.

External audit of SAC for 2020 has been completed and is available for review. Sonoma has the capacity to maintain the ongoing costs of the **SAC Sports and Recreation Oval**. Provision for maintenance will be included in the SAC annual budget, supported through increased student numbers. Sporting, community and cultural groups will be charged fees for the use of this facility.

3.7 Reporting

The Project Managers will meet with the building team on a weekly basis to monitor the ongoing construction progress of the building. They will keep the Project Sponsors, The Project Partner (SAC), and the relevant administration committees informed on a monthly basis or as needed in relation to the progress of the contracted work. This reporting will be in relation to financial expenditure and overall building progress and associated issues or concerns.

3.8 Risks and Issues

	Project Risks	
Risks	Details	Likelihood
Weather Events - Rain	Too much rain may delay progress e.g. concreting , brick laying and/or surfacing	2
Lack of funds to proceed?	This project can only proceed with funding from project partners	4
Contractors fail to complete?	Contractors' internal problems	1

	Project Issues	
Issue	Details	Impact
Financial over expenditure	Sub-contractors may not work within budget – important to stipulate budget before work starts. Penalty clauses will be part of the contract plan.	1

3.9 Implications

While weather events are expected and has been factored into the expected completion timeframes it could be that there is a season of unusually wet weather, which could delay the project from being completed on time.

It is important for the project managers to be proactive in ensuring that each stage of the construction process including the work of subcontractors is monitored closely and that pre-approved expenditure for each area of work is agreed upon before work starts.

The provision of a Sports and Recreation oval will significantly increase the opportunities for social gatherings, physical exercise and well being.

3.10 Success Criteria

- Completed building project to a high standard of workmanship by Feb 2024
- Support the projected increase of an extra 200 students for semester one 2024
- Delivered on time within budget guidelines and met reporting criteria.
- Project deliverables ensured an efficient work process and safe work environment was maintained throughout the project.
- Improved quality of student life for students leading to increased student wellbeing.
- Greater participation of female students in sporting activities due to the available facilities for both genders.
- Improved relationships between local communities through supervised sports and recreation programs.