

SCHOOL ASSET MASTERPLAN - VANUATU PRIMARY SCHOOL INFRASTRUCTURE STUDY

TENDER BRIEFING

ARCHITECTURAL/ENGINEERING SERVICES

28 June 2022



Ministry of Education & Training

Government of Vanuatu

PROBLEM TO BE ADDRESSED

While the Ministry of Education and Training (MoET) have records of primary school enrolment and the quantum and quality of primary school's infrastructure, the sufficiency and adequacy of this infrastructure to accommodate current and future school age population is unknown. The MOET have requested that VESP development an **ASSET MASTER PLAN** with the **general objective** to:

Determine the physical capacity of the Vanuatu education school system to accommodate current and projected primary school age population

The specific objectives of the Plan are to determine

1. at each primary school:

a) Whether the quantum/size of the school infrastructure is sufficient to accommodate the current and forecasted primary enrolments, and if not, what additional school infrastructure is required.
b) Whether the school infrastructure satisfies minimum infrastructure specifications and provides for the appropriate curriculum requirements and if not, what remedial works are required to upgrade the school infrastructure to the required standard.

2. the cost to

a) Building additional school infrastructure for both the current and 5year forecasted enrolments.

B) Upgrade the substandard school infrastructure.

Using data available on MoET Open Vanuatu Education Management Information System (OVEMIS) VESP have engaged:

- Education Infrastructure Specialist (EIS) -Rhys Gwilliam
- Statistical Data Specialist (SDS) Marc Delrieu to undertake the Plan.

The EIS requires the support of an Architectural-Engineering consultancy (the **Consultant**) to analyse existing primary school infrastructure and produce the required reports which will comprise the Plan.

REPORTS COMPRISING THE PLAN:

- 1. School Infrastructure Guidelines
- 2. Infrastructure Assessment Reports for each province (6 Reports)
- 3. National School Infrastructure Assessment Report

CONSULTANT SCOPE OF WORK

- 1. Drafting of School Infrastructure Guidelines (SIG) developed by the EIS (AutoCAD)
- 2. Enrolment and Infrastructure schedule for each of the approximately 450 schools (Excel)
- 3. Infrastructure Gap between existing infrastructure and that recommended in the SIG at current and 5-year forecasted levels (Excel)
- Infrastructure remediation schedule based on an educated viewing of photographs and written descriptions in OVEMIS (EXCEL)

- 5. Develop m2 cost rates to build new and repair existing buildings based on current construction costs (Excel)
- 6. Capital Works Plan for each school (Excel)
- 7. Remedial Works Plan for each school (Excel)
- 8. Replacement value schedule for each school (Excel)
- 9. Provincial Summary of items 2,3,4,6,7 by school and Area Council (Excel)

METHODOLOGY

- Existing documentation collected and collated
- Attend Workshop (25 August)
- Draft drawings for guidelines
- Prepare excel schedules based on Malo example and using documents available in OVEMIS and/or World Bank
- Assist EIS finalise Provincial and National Infrastructure Assessment reports

Documents available in OVEMIS



LEG	END:	
NO	BUILDING	BUILDING TYPE
31	Classroom & Library	Permanent
32	Classroom(2),Admin & Storage	Semi-Permanent
33	Hall	Semi-Permanent
34	Tool Shed	Semi-Permanent
36	Staff House	Semi-Permanent
36	Kindie	Semi-Permanent
37	Staff House	Semi-Permanent
зк	Bush Kitchen	Semi-Permanent
+	Hand Water Pump Unit	
CWT	Cement Well Tank	
w	Fibreglass Water Tank	

BUILDING ASSESSMENT MAJOR SUMMAR1

BLDG #	CONDITION	NOTE
B1	GOOD	Needs a Major Repair
B2	FAIR	Needs good roof structure strenghtenning
B3	GOOD	Needs good Roof tie downs
B4	FAIR	None
B5	FAIR	Needs major Repair
B6	FAIR	None
B7	FAIR	Needs good Roof tie downs

N

SCHOOL: ALOWARU		L SURVEYS – BU	PROVINCE: MA			VEMIS No	: 022101
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MALO EXAMPLE

Excel sheet (upload separately)

RESOURCES REQUIRED

One or two architectural and/or engineering technicians for 180 days over twelve months.

e.g.

• 1 x architectural technician for 180 days

Or

- 1 architectural technician for 100 days
- 1 x engineering technician for 80days

TIMELINE

Start 15 August 2022

Complete 14 August 2023



QUALIFICATIONS AND EXPERIENCE

Qualifications

Professional or vocational qualification in a building construction related discipline.

Essential Experience and Knowledge

-Minimum 5-years architectural and/or engineering experience in Vanuatu

-Demonstrated experience with CAD programs

-Demonstrated experience with MS excel, word and word tables

Desired experience and knowledge

Design of school buildings



QUESTIONS

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