



SEVENTH MEETING OF THE PACIFIC METEOROLOGICAL COUNCIL (PMC-7)

AGENDA ITEM: 13.3

Planning and establishment of the Pacific Regional Training Centre (RTC)

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Purpose of the Paper

1. To report on the progress of the Fiji Meteorological Service (FMS) for Regional Training Centre (RTC).
2. To outline steps taken toward the establishment of a RTC by 2025 through facilitating coordination mechanism and implementation plan.
3. Request the PMC Chair and relevant partners and donors to work collaboratively and mobilize resources towards set up of the Pacific RTC.



Background

1. The Pacific region faces a growing need for education, training and research, and in the First Pacific Ministerial Meeting on Meteorology in 2015, the establishment of a WMO Regional Training Centre (RTC) for the Pacific and the enhancement of regional research capacity were proposed.
2. In August 2023, during the 6th Pacific Met Council Meeting in Fiji, it was agreed to develop a Terms of Reference (TOR) for and establish task team consisting of FMS, USP, SPREP and Relevant Partners and Donors in consultation with NHMSs under the PIETR panel and accelerate the development of the Pacific RTC by 2025.



Objectives

1. Progress of FMS to prepare necessary conditions for WMO accreditation

- i. In March 2024, task team meeting at SPREP-Pacific Climate Change Centre (PCCC)
- ii. In July 2024, FMS has completed an SPC accreditation for a micro training course on O & M of weather observation equipment.
- iii. From November 2023 to August 2024, FMS and JICA has conducted a preparatory survey for the construction of a new building and provision of equipment for RTC, RIC and disaster awareness exhibition (TBC: start of service from February 2027). JICA TA from October 2024 with technical support to establish the Pacific RTC.
- iv. FMS and USP has started preparation of MOU.



Objectives

2. Steps taken by the PMC-8

- i. To facilitate comprehensive training framework (a detailed plan covering organizational structure, curriculum development, etc.)
- ii. To be endorsed by WMO RA V to submit request to the Secretary-General of the WMO.
- iii. To prepare for assessment by WMO official on facility and capacity of Pacific RTC.

3. Provisional training programme

- i. Phase approach: (1) BIP-MT Dip., (2) BIP-M Post-Dip., (P3) BIP-HT Dip.
- ii. Additional course: Aviation, Climate, Marine & Ocean, Hydrology, QMS, Weather Forecasting, Maintenance and Calibration, EW system, Weather Radar and Satellite.



Site Plan

Equipment Procurement Plan

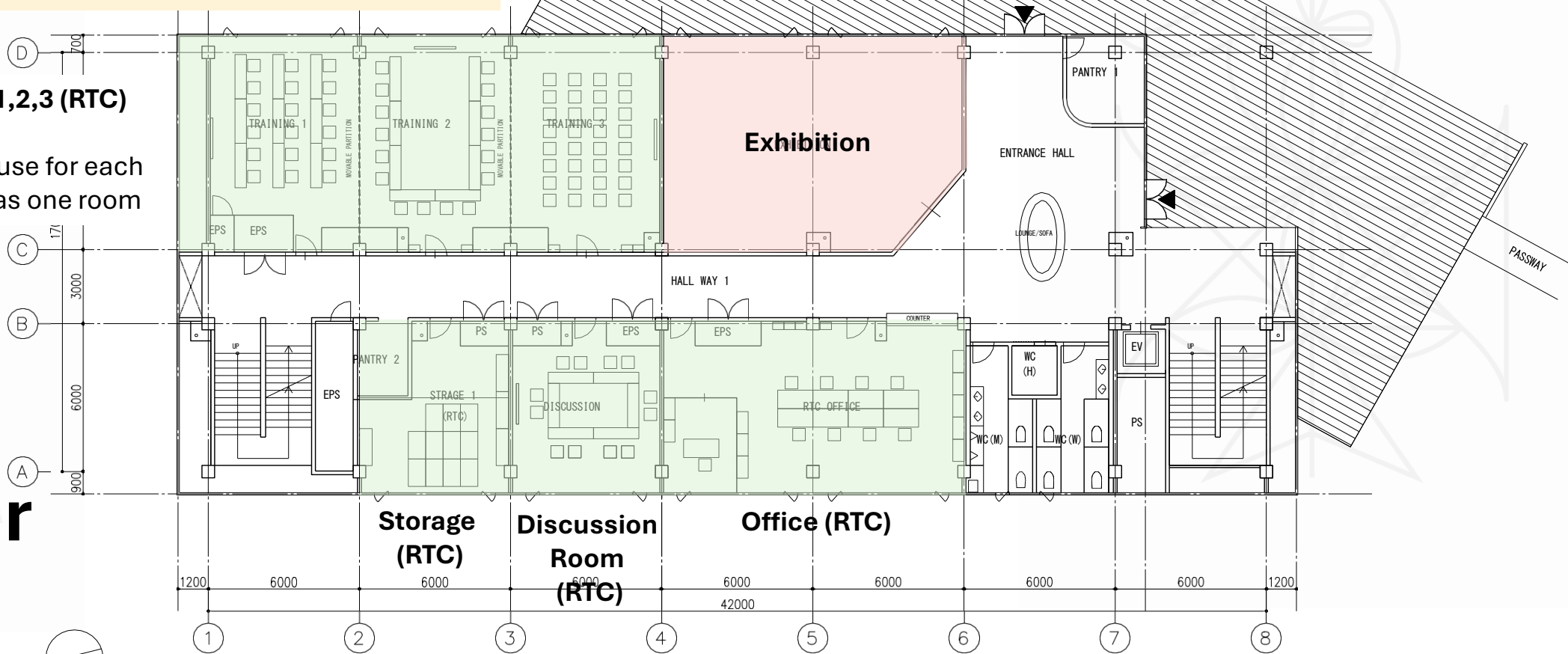
- (1) RTC: Large monitors for forecasting training simulation, High Performance Computer (HPC), Data Archive
- (2) RIC: Standard, Calibration and Inspection
- (3) Furniture, IT and Communication (Fiber optic connection)
- (4) Disaster Awareness Exhibition



Function Area

Training Room 1,2,3 (RTC)
[Room capacity]
15 ~ 30 persons use for each
100 persons use as one room

1st Floor Plan





VIEW 1



VIEW 2



VIEW 3



VIEW 4



VIEW 5



VIEW 6



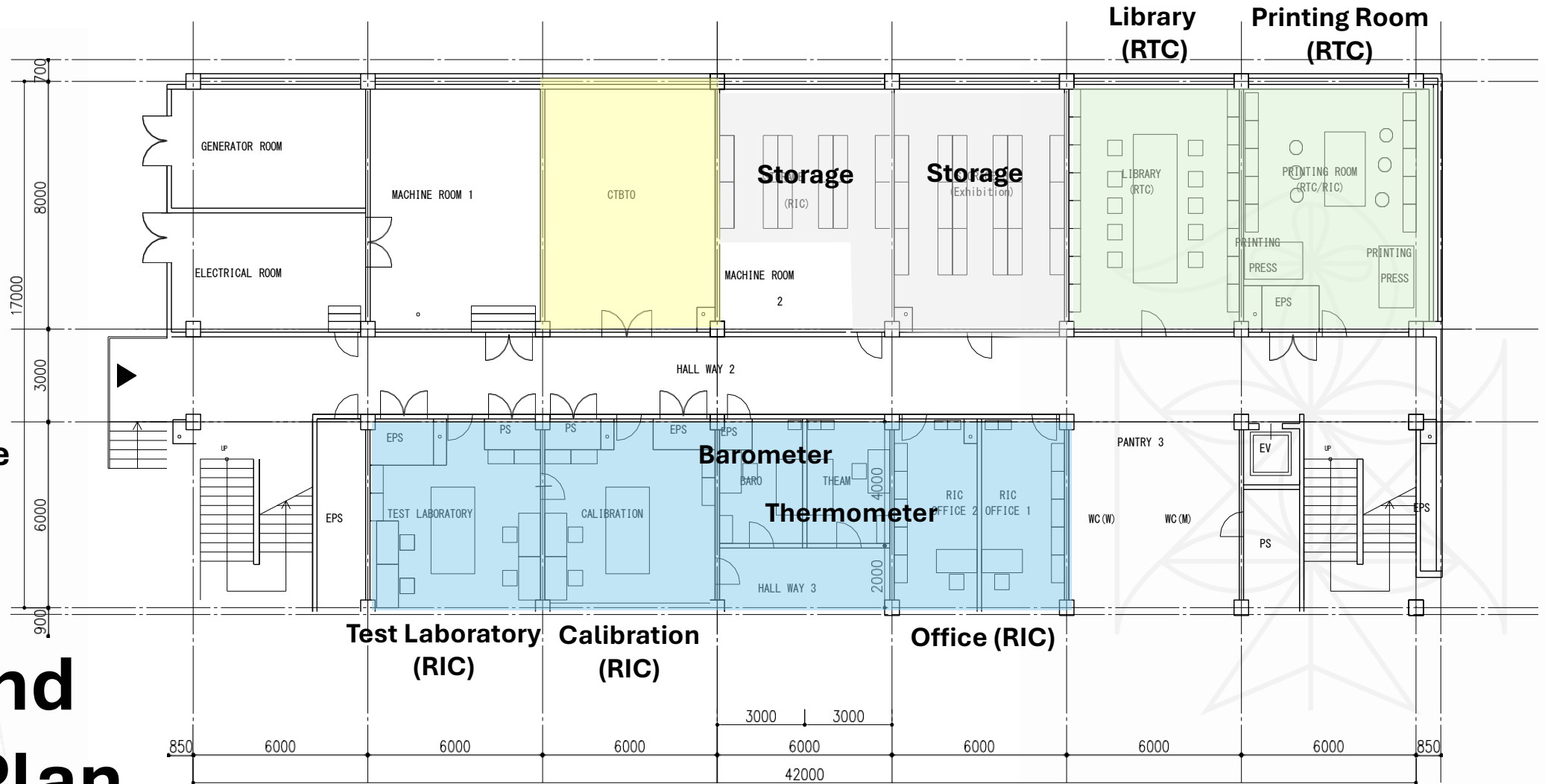
VIEW 7



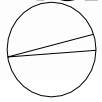
VIEW 8



Disaster Awareness Exhibition



Ground Floor Plan





Recommendations:

The Meeting is invited to:

- **Note:** Weather Ready Pacific (2024-2033) and JICA project (2024–2028) has started to accelerate establishment process and to support financing resources for training implementation. Collaboration to enhance synergy of related cooperations through PITER Panel RTC task team meeting and WRP steering committees.
- **Task:** PITER Panel RTC task team to work closely on milestones for setting up the Pacific RTC by 2025 and to mobilize resources for establishment and implementation of the Pacific RTC
- **Recommend:** Collaboration across Panels to enhance strategic and effective training and research activities for the Pacific RTC and contribute to promote actions of respective Panels.