



ANSWERS TO CLARIFICATION QUESTIONS

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Date: 24 November 2021
To: Interested suppliers
Contact: Maraea S. Pogi maraeap@sprep.org
Subject: Expression of Interest: **Vanuatu C-Band Weather Radar**

Question 1:

Number of radars, location and type.

Response:

SPREP is supporting the Vanuatu Meteorology and Geo-Hazards Department (VMGD) to install the first radar in Port Vila, Efate island. The recommended type is a C-band dual-polarization.

Question 2:

Who are the radar OEM manufacturers ?

Response:

Refer to above.

Question 3:

Current operational status and installation dates.

Response:

There is no operational radar in Vanuatu.

Question 4:

Are these radars linked together back to Port Vila and if so, what kind of data links are used ?

Response:

The current Expression of Interest is for the proposed/new C-band radar for Port Vila



Question 5:

Do any of the radars need to be upgraded to Dual-polarity or require maintenance ?

Response:

The new C-band radar for Port Vila will need to be upgraded to Dual-polarity and will require maintenance for the full lifetime of the equipment (approx. 15-20 years). Vanuatu Meteorology and Geo-Hazards Department are requesting SPREP for additional weather radar, and these funding proposals are in the pipeline and potential for a radar network to cover whole of Vanuatu.

Question 6:

What is the expected height of the radar tower? This will impact cost estimates.

Response:

The tower needs to be between 10 to 30 meters in height to minimise any interference.

Question 7:

I checked the latest Vanuatu COVID Policy for foreigners. The 14-day quarantine makes any trip for a radar site survey a bit challenging. We have received “essential business” certificates from customers this year for the Damen Naval Project in the Netherlands (Europe) Not sure if this can be done in Vanuatu ?

Response:

Due to low COVID-19 vaccination rates for Vanuatu at the current time, “essential business certificates” is not an available option. However, the project team are happy to revisit and negotiate with the Government “exceptions” to be considered next year when vaccination rates are a little higher and close to supporting “herd immunity”.