Answers to request for clarification RFP22-3414

Date: March 24th, 2022

1. Is 300TB aggregated **storage from all the 3 main areas or single site?**
300TB is aggregated. Main sites are Noumea ~103TB and Suva ~134TB of fast storage give or take depending on compression/dedup etc.

2. **Do you require HCI Cluster at each of the 3 sites?**
2 sites - Noumea and Suva.

3. **If yes to above, what is the sizing requirements for each site?**
Noumea >150TB and Suva >150TB at a minimum, Suva has a higher growth rate of data storage.

4. **How much of the 300TB Data requires performance storage?**
Noumea ~103TB and Suva ~134TB, but higher for the proposed solution of course.

5. **How much of the 300TB Data requires archival storage?**
The Archive is not included in these figures.

6. **Does the current IOPS require a NVMe/SSD HCI Solution?**
Yes, it has SSD for caching.

7. **Can we propose a Hybrid Solution that meets or exceeds maximum IOPS requirements?**
Hybrid is also welcome however would be good to compare to a HCI as well.

8. **As per the RFP requirement, it states "2 x 1.6Tb NVme O/S drives (minimum)". Is this a requirement? If using VMware Hypervisor, it does not require such a large OS Drive.**
We can be guided by your recommendations and comments so please include them.

9. **As per the RFP requirement, it states "8 x 8Tb 2.5" SATA / SAS SSD (minimum)". The nearest SSD Capacity is 7.68TB. Can you clarify on this?**
This should be fine. We can be guided by your recommendations and comments so please include them.

10. **What is the aggregated memory requirements for each site/cluster?**
Around ~2TB per cluster/site.

11. **What is the aggregated CPU requirements for each site/cluster?**
32 cores per node (dual processor), we would anticipate around ~120-180 cores in total per site depending on the configuration.

12. **Is this RFP designed to implement a 3 Node HCI Cluster initially and scale up in future?**
Should our needs change in the future it would be good to be able to scale up our existing solutions if possible, your recommendations are welcome.

13. Will the new HCI Cluster run parallel to the current 3 Tier Architecture?

We imagine it would run parallel for a short period of time before being decommissioned.

14. Can a bidder/company carry its own due diligence and design a fit for purpose solution? We seek to run LiveOptics and RVTools."

Sure. We are familiar with LiveOptics and can share an existing project from July 2021 or run a new one for 7 days.

15. 8TB requested but max SFF capacity disk is 7.6TB (Annex IV Part B2)

This is fine, please provide these recommendations in the proposal.

16. 2*1,6TB NVME requested for ESX Boot. Why such a capacity as VMware vSphere 7 recommendation is 32GB? May we configure smaller disk? (Annex IV Part B2)

This is fine, we will be guided by your recommendations.

17. We don't find specific software requirement/cost? Direct Editor Support? 5 Years base? (Annex IV Part B2 and Annex VII)

Yes, 5 years minimum.

18. Could you confirm 5-Year warranty duration requested for Hardware & Software? (Annex IV Part B2 and Annex VII)

Yes, for both hardware and software. Software would be relating to any software to access/manage/maintain the solution including switch(es) (if any). Hypervisor software would not fall part of this warranty or support and be under a separate arrangement.

19. Annex IV Part B2 and Annex VII – No requirement regarding connexion between HCI Nodes and Layer 3 Routers? Do you need some? What type and what lenght? »

Yes, we would require them. Fibre *SPF would be preferred and length would be 5 metres to allow for flexibility.